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## Product Catalog



## Product Guide



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# 46" / 55"

## Video Wall Monitors VW-4600 / VW-5500

Each commercial-grade, ultra-narrow, 1.7mm / 1.8mm (3.5mm combined) bezel video wall panel is designed for use as part of a multi-panel video wall system (i.e. 2 panels wide x 2 panels high, 4 panels wide x 4 panels high, etc.). Video wall systems are ideal for network operation centers, command centers, and in environments where multiple video sources are displayed.

- Full HD display (1080i/p) with no downscaling
- 12-bit RGB gamma correction technology
- 3D Comb Filter enhances picture quality
- HDMI, DVI, and RS-232

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# Video Wall Processor

## VWP-4x4 / VWP-8x8 / VWP-12x12 / VWP-16x16

Commercial-grade, mission-critical, server-grade video wall processor is capable of displaying multiple video and graphic content sources across multiple video wall panels. For use with our video wall panels to create a robust video wall solution.

- Intel Xeon server-grade cpu
- 16GB memory, 256GB SSD storage
- Matrox Mura high performance video cards
- VuWall 2 video display management software
- Base configuration provides 4 signal inputs and 4 video outputs up to 12 inputs and 12 outputs includes a separate control monitor output, or 16 inputs and 16 outputs without the control monitor output.

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# 55" / 70"

## AIO-5502 / AIO-7001

Multi-functional, integrated Intel core i5 PC video monitors with multi-touch capabilities. Ideal for use in training and education environments, in broadcast production, or in any environment that will benefit from an onboard computing display with touch screen functionality.

- Full HD (FHD) display - 1080i/p
- Intel core i5 cpu, 4GB RAM, 500GB storage, Windows OS, Easi-note collaboration software
- Precise 10-point multi-touch with very accurate calibration and fast response time (<2ms)
- Quickstart system with Android-based system board

Specifications: [Page 18](#)



# 50" / 43"

## LED-5000-4K / LED-4301-4K

Ultra high-definition (3840 x 2160) LCD monitor is designed for viewing 4K and HD cameras in 24/7 mission-critical environments. Ideal for use in operation centers, high volume retail locations, and in casino surveillance hubs.

- LED backlight: brighter picture using less power
- Displays native 4K content with no downscaling; ability to upscale Full HD (1920 x 1080) to full screen
- Ultra-wide viewing angle (89/89/89/89)
- ADA compliant slim design with 2.4" (59.6mm) depth
- Built-in stereo speakers
- HDMI, DVI, DisplayPort, VGA, and Composite Inputs

Specifications: [Pages 18, 19](#)



## 32" TV

### LED-3212HDT

Aesthetically-designed, commercial-grade, LED-backlit LCD monitor with ATSC/Clear QAM digital tuner (TV) provides exceptional picture quality using the latest DSP technology. This TV/monitor is ideal for use in any commercial AV application.

- LED backlight: brighter picture using less power
- Beautiful HDTV display with high contrast ratio and 3D Comb Filter for better picture definition
- Hotel TV Functions: default input source, default TV channel, max volume, keypad lock, auto power on, and cloning
- Wide viewing angle (89/89/89/89)
- Slim design with only 2.7" (68mm) depth
- Built-in stereo speakers

Specifications: [Page 19](#)



## 28"

### LED-2802-4KIP

28" LED-backlit, LCD monitor displays 4K ultra-high definition (4K) resolution and provides exceptional detail. This commercial-grade model is designed for critical viewing applications.

- LED backlight: brighter picture using less power
- Ultra-high definition (3840 x 2160) resolution displays 4K content with no downscaling
- Built-in decoder and PoE (power over ethernet) for displaying an IP ONVIF (up to 4K) camera
- Wide viewing angle (85/85/85/85)
- Widescreen (16:9) native aspect ratio
- Stereo speakers with surround sound
- Removable desk stand
- HDMI, DVI, DisplayPort, VGA, and Composite Inputs

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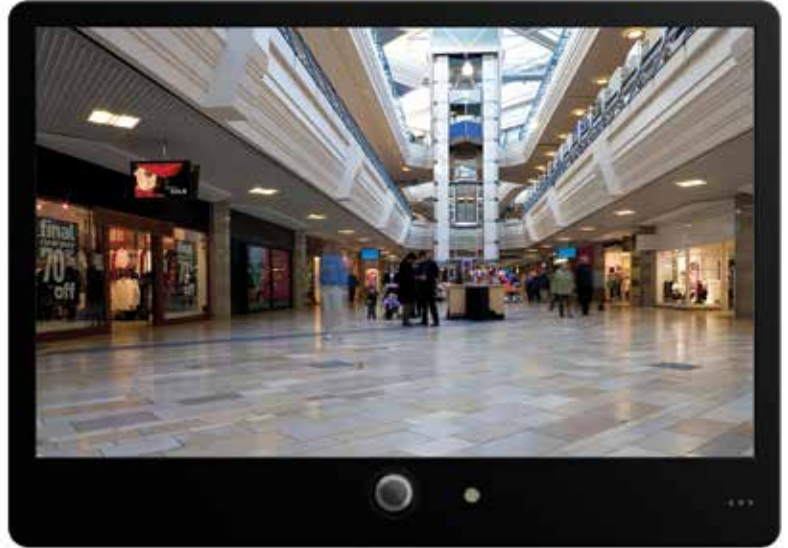
# 27"

## LED-2703HDPVM

Commercial-grade, public view LCD monitor with built-in IP ONVIF-compliant camera provides exceptional picture quality and image storage capability for displaying multiple content.

- LED backlight: brighter picture using less power
- Displays Full HD (1920 x 1080) and 1080i/p with no downscaling
- Widest viewing angle (89/89/89/89)
- Widescreen (16:9) native aspect ratio
- ONVIF 2.2 compliant IP camera with Sony Exmor image sensor; H.264 compression
- Use with network video recording system
- Simultaneous camera output - IP and CVBS
- Body/motion sensor for auto switch capability

Specifications: [Page 19](#)



# 23.6"

## LED-2364HD

23.6" LCD monitor features the latest technology with enhanced picture clarity and sharpness. Ideal for broadcast production and video surveillance applications.

- LED backlight: brighter picture using less power
- Full HD (1080i/p) with no downscaling
- Widescreen (16:9) native aspect ratio
- Includes removeable desk stand
- VESA pattern for wall mounting
- RS-232 control

Specifications: [Page 19](#)



# 21.5"

## LED-2155HD

Commercial-grade, LCD monitor displays Full HD without downscaling. This all-purpose is designed for use in 24/7 environments; ideal for all video and computing environments.

- LED backlight: brighter picture using less power
- Full HD (1080i/p) with no downscaling
- Widescreen (16:9) native aspect ratio
- Wide viewing angle (85/85/85/85)
- Built-in speakers
- Removeable desk stand
- IR remote control

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# 21"

## LED-2154HD-IP

Industrial-grade LCD monitor series with built-in IP decoder is designed for continuously viewing ONVIF-compliant, IP-based cameras. Used in conjunction with access control and for safety awareness, these models work well in sensitive environments where restricted network access is required.

- Direct network or camera connection without PC
- Secure On-Screen Display (OSD) menu
- Supports up to 8 ONVIF-compliant IP cameras
- Built-in stereo speakers
- Removable USB Optical Mouse included

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# 21.5"

## LED-2153HDSDI

High performance LCD monitor with multiple source connections including HD-SDI features the latest technology with enhanced picture clarity and sharpness. Ideal for professional broadcast production and HD-SDI video surveillance.

- LED backlight: brighter picture using less power
- Wide viewing angle (85/85/80/80)
- 4H Comb Filter and 3D De-Interlacer
- HD-SDI Input and Output (Loop-through)
- HDMI - displays 1080i/p digital video
- 100mm pattern and keyholes for wall-mount
- Durable metal case
- 16:9 native aspect ratio

Specifications: Page 20



# 19"/17"

## LED-1908HD / HDL / HDR LED-1709HD / HDL / HDR LED-1910HDVB / HDVBR

Industrial, workhorse LCD monitor series features the latest technology with enhanced picture clarity and sharpness for both analog and digital video signals.

- LED backlight: brighter picture using less power
- HDMI - displays 1080i/p digital video
- Composite BNC Input/Output for looping
- 3D comb filter for better picture quality
- 100mm pattern and keyholes for wall-mounting
- Durable metal case
- LED-1910HDVB has 1,000 Nit high brightness for clear viewing in direct sunlight areas

Specifications: Page 20-22



LED-1908HD  
LED-1910HDVB  
LED-1709HD



LED-1908HDL  
LED-1709HDL



LED-1908HDR  
LED-1910HDVBR  
LED-1709HDR



# 19" TV

## LED-1906HDMT / HDMTR / HDMTL / HDMTLX

High-definition, mid-size LCD TV/monitor housed in a durable metal case with a front control membrane switch. Built for active use in public spaces, this monitor is versatile and effective for any commercial video use.

- Displays HD signals (1080i/p)
- HDMI, VGA, Component/Composite Inputs
- ATSC/Clear QAM digital TV tuner
- Durable metal case
- Built-in speakers
- 75mm pattern for mounting
- Flush and Rack mount versions are available
- IR remote control

Specifications: [Page 21, 22](#)



# 18.5"

## AIO-1850

Industrial-grade, fully integrated PC inside an LCD monitor with 2-point touch screen housed in a vibration-resistant metal case. Designed for ongoing 24/7 use, the AIO-1850 provides optimal performance in a space-saving and efficient design.

- LED backlight: brighter picture using less power
- Built-in Intel Core i5 PC, 8GB RAM, and 128GB SSD
- Touch type: IR 2-point touch
- Displays HD signal (1080p)
- Durable black steel and aluminum case
- Built-in speakers
- 3D adaptive comb filter for better picture quality
- Wide viewing angle (89/89/89/89)
- WiFi (802.11b/g/n) and RJ-45 port for LAN connectivity
- Removable rack-mount sides

Specifications: [Page 29](#)



# 15" TV

## LED-1566HDT / HDTL / HDTR

Full-HD resolution, mid-size monitor with built-in digital TV tuner is ideal for any commercial video use that requires an optimal quality image.

- HDMI, VGA, Composite Inputs
- ATSC/Clear QAM digital TV tuner
- 1920 x 1080 Full-HD resolution with no downscaling
- Durable ABS Plastic case
- Built-in speakers
- Built-in removable desk stand
- 75mm pattern for mounting
- IR remote control

Specifications: [Page 23](#)



# 15"

## LED-1562HD / HDL / HDR LED-1562HDX / HDLX

Industrial LCD monitor with RS-232 control and full-HD (1920 x 1080) resolution is ideal for optimal image quality requirements in a 24/7 environment. Multiple mounts and options with and without front controls are available.

- Anti-glare coating
- Full HD (displays 1080i/p) with no downscaling
- HDMI Inputs; Composite Input/Output
- RS-232 Control
- Removable desk stand
- IR remote control
- Built-in speakers
- Durable Metal case

Specifications: [Page 23, 24](#)



# 15" TV

## LED-1564MM

Add WOW to your environment! This innovative model integrates a TV into a mirror and vanishes when the TV is turned off. It is popular in lounges, sports arenas, and in upscale bathrooms.

- 40" x 30" mirrored glass in black frame; ~ 2 1/2" surface mount depth
- Widescreen 16:9 native aspect ratio
- ATSC/QAM TV tuner with combined off-air/cable signal capability
- HDMI Input
- Composite In
- Built-in stereo speakers
- Easy and straightforward installation
- IR remote control

Specifications: [Page 24](#)



# 10.1"

## LED-1011HDPVM / LED-1011PoEPVM

Aesthetically designed LCD monitor with a built-in low profile IP camera for displaying and capturing activity in front of the monitor. This model is an ideal small screen loss prevention device.

- Built-in IP camera with auto and manual electronic shutter
- 16:9 native aspect ratio
- Wide viewing angle (80/80/80/80)
- Durable metal case
- Motion sensor for auto switch control
- Connection ports are secured
- LED-1011PoEPVM option receives its 'power over ethernet'

Specifications: [Page 24](#)



# 9.7"

## LED-1003HD / HDX / HDL / HDLX

Commercial-grade monitor series featuring the latest screen imaging technology for displaying high resolution video and graphic images. Multiple mount versions are available with and without front control options.

- Fast 2 millisecond response time
- LED backlight provides better color, longer-life
- Wide viewing angle (89/89/89/89)
- Multiple connections including 2x HDMI, VGA, and BNC composite Input/Output for looping
- Image enhancing: 3D interlace comb filter, DNR, and 4H filter
- Durable metal case
- HDX and HDXL versions have no front controls

Specifications: [Page 25](#)



LED-1003HD  
LED-1003HDX



LED-1003HDL  
LED-1003HDLX

# 9.7"

## LED-1002HD2

Dual rack-mount monitor featuring the latest screen imaging technology for enhanced clarity and sharpness for both analog and digital video. This monitor is an industry standard in mission-critical environments and correctional institutions.

- Displays HD signals (1080i/p)
- LED backlight for better color, longer-life, and lower power
- Wide viewing angle (89/89/89/89)
- Multiple connections including x2 HDMI, VGA, and BNC composite Input / Output for looping
- Excellent 1,000:1 static contrast ratio
- Image enhancing: 3D Interlace comb filter, DNR, 4H filter
- Durable metal case

Specifications: [Page 25](#)



# 8"

## LED-803HD / HD2

Small screen monitor is one of our most adaptable models for use in security surveillance and corporate AV environments where space constraints and portability are a factor.

- Instant-on capability when power is applied
- LED backlight – brighter picture using less power
- IR remote control
- Built-in speakers
- Multiple connections including HDMI, VGA, RS-232, and composite
- Sturdy metal case
- Anti-glare coating provides enhanced display

Specifications: [Page 26](#)



# 7"

## LED-709HD

Versatile, high-definition, LED-backlit monitor is designed primarily for field testing, video production and remote surveillance applications. Multiple mounting options and battery pack options are available.

- LED backlight: brighter picture using less power
- Displays HD signals (1080i/p and 720p)
- 16:9 native aspect ratio
- IR remote control
- Kit available with tote bag and rechargeable battery pack

Specifications: [Page 27](#)



# 7"

## LED-711-4K

7" monitor with native 1920 x 1200 resolution is capable of displaying 4K/UHD imagery. This monitor is designed for broadcast, medical, and pro photography/video applications.

- LED backlight: brighter picture using less power
- Displays up to 4K resolution (2160p)
- Ultra wide viewing angle (89/89/89/89)
- Multiple software features including Safe Area, Under Scan / Over Scan, Ratio, DSLR Mode, Freeze, Flip (U/D/R/L), and Noise Reduction, and Zoom
- Optional Sony NP-F970 and Canon LPE6 battery plate brackets are available for powering this monitor in the field
- Kit available with tote bag and rechargeable battery pack

Specifications: [Page 26](#)



# 7"

## LED-711-4KL

7" flush-mount monitor with native 1920 x 1200 resolution is capable of displaying 4K/UHD imagery. This monitor is professional exhibition and other in-wall applications.

- LED backlight: brighter picture using less power
- Displays up to 4K resolution (2160p)
- Ultra wide viewing angle (89/89/89/89)
- Multiple software features including Peaking Filter (monochrome), Check Field (B/W/R/G/B), Center Mark, Safe Area, Under Scan / Over Scan, Ratio, DSLR Mode, Freeze, Flip (U/D/R/L), Noise Reduction, and Zoom (1.4x - 10x)

Specifications: [Page 26](#)



# 7"

## LED-711-4K2

Dual rack-mount monitors with native 1920 x 1200 resolution is capable of displaying 4K resolution imagery.

- LED backlight: brighter picture using less power
- Displays up to 4K resolution (2160p)
- 16:9 native aspect ratio
- Ultra wide viewing angle (89/89/89/89)
- Multiple software features including Peaking Filter (monochrome), Check Field (B/W/R/G/B), Center Mark, Safe Area, Under Scan / Over Scan, Ratio, DSLR Mode, Freeze, Flip (U/D/R/L), Noise Reduction, and Zoom (1.4x - 10x)

[Specifications: Page 26](#)



# 7"

## LED-710-4KIP

Commercial-grade 7" multi-function camera test monitor designed for installation and maintenance of both IP and analog cameras including TVI, CVI, AHD, SDI, and 4K formats. Many features including wireless capability, PoE+, and built-in PTZ controller for ONVIF IP and analog PTZ control. An indispensable tool for the video installation professional.

- Android-based 1.2GHz quad-core processor
- Includes 8GB SD card for storage
- Supports H.264 and H.265 protocol; 4K video can be displayed via mainstream feed
- Built-in rechargeable battery provides 10 hours of power depending on workload
- Built-in Wi-Fi and LAN connectivity
- Optional Tote bag is available

[Specifications: Page 29](#)



# 5.6"

## LED-566HD

Durable field monitor with audio primarily for testing and monitoring video.

- Switchable 4:3 and 16:9 aspect ratios
- LED backlight provides better color saturation
- BNC IN/OUT jacks located on top for easy access
- HDMI Input, displays up to 1080i/p
- On-board memory retains last input source when power is Off
- Durable ABS plastic housing
- Automatic scaling of signal resolution
- Snap-on battery back included
- Batteries provide 6 hours of remote operation
- Kit version available includes monitor, tote bag, and AC adaptor

Specifications: [Page 27](#)



LED-566HD KIT

# 5.6"

## LED-566HDM / HDMX / HDML / HDMLX

5.6" LCD monitor supports analog and digital signals with the ability to display up to high definition (1080i/p). For use in point-of-sale, surveillance, and commercial applications that require a quality small screen monitor.

- Switchable 4:3 and 16:9 aspect ratios
- Sturdy metal housing
- DSLR Scaling when connected to a still photography camera
- On-board memory retains last input source when power is Off
- Automatic scaling of signal resolution
- Excellent electromagnetic shielding

Specifications: [Page 27, 28](#)



LED-566HDM  
LED-566HDMX  
LED-566HDML  
LED-566HDMLX



# 5"

## LED-504HDMx3

Triple 5.6" rack-mount monitors featuring enhanced screen imaging technology for clarity and sharpness.

- Switchable 4:3 and 16:9 aspect ratios
- LED backlight: brighter picture using less power
- Durable metal housing
- Automatic scaling of signal resolution
- On-board memory retains last input source when power is Off
- Excellent electromagnetic shielding
- DSLR Scaling when connected to a still photography camera

Specifications: [Page 28](#)



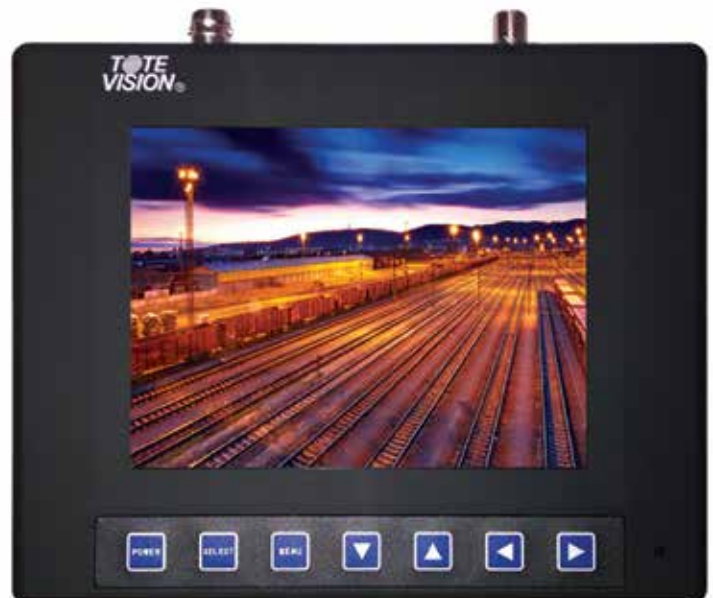
# 5"

## LED-502V

Commercial-grade LCD monitor is designed to display analog signals in the field and is ideal for video testing and remote control monitoring wherever a small screen, ruggedized video monitor is required.

- Connections include Composite and VGA inputs
- Durable ABS plastic housing
- Mirror image capability
- Auto On with power capability
- On-board memory retains last power input when power is Off
- Kit available with tote bag and rechargeable battery pack

Specifications: [Page 28](#)



LED-502V KIT

70" PC



55" PC



55"



50"



46"



Model	AIO-7001	AIO-5502	VW-5500	LED-5000-4K	VW-4600
<b>Mount</b>	VESA 400 x 400mm Wall Mount included	VESA 400 x 400mm Wall Mount included	Video Wall Frame	Wall: VESA 200 x 200 mm and 200 x 400mm; Removable Desk Stand	Video Wall Frame
<b>HD Compatible</b>	Yes	Yes	Yes	Yes - UHD	Yes
<b>Anti Glare Coating</b>	Yes	Yes	Yes	Yes	Yes
<b>V Chip/Closed Caption</b>	N/A	N/A	N/A	N/A	N/A
<b>Case</b>	Durable Metal	Durable Metal	Durable Metal; 3.5mm Combined Bezel	Durable Metal	Durable Metal; 3.5mm Combined Bezel
<b>Built-in Power Supply</b>	Yes	Yes	Yes	Yes	Yes
<b>IR Remote Control</b>	Yes	Yes	Yes	Yes	Yes
<b>Native Aspect Ratio</b>	16:9	16:9	16:9	16:9	16:9
<b>Visible Screen Size (WH)</b>	60.5" x 34" / 1539 x 866mm	47.6" x 26.8" / 1209.6 x 680.4mm	47.6" x 26.8" / 1209.6 x 680.4mm	43.1 x 24.3 in. / 1095.8 x 616.4mm	40.1" x 22.54" / 1018.1 x 572.7mm
<b>Resolution</b>	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	3840 x 2160 (Ultra HD)	1920 x 1080 (Full HD)
<b>Brightness Rating</b>	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup> (Nit)	500 cd/m <sup>2</sup> (Nit)	400 cd/m <sup>2</sup> (Nit)	450 cd/m <sup>2</sup> (Nit)
<b>Contrast Ratio</b>	4000:1	1400:1	1400:1	4000:1	3500:1
<b>Back Light</b>	LED (60K)	LED (50K)	LED (50K)	LED (30K)	LED (50K)
<b>PC Compatibility</b>	Yes	Yes	Yes	Yes	Yes
<b>Dot Pitch</b>	0.802(H) x 0.802(V)mm	0.21(H) x 0.63(V)mm		0.2865 x 0.2865mm	
<b>Color Depth</b>	16.7 million	16.7 million	16.7 million	1.073 billion	16.7 million
<b>Response Time</b>	6ms (Rising/Falling)	6ms (Rising/Falling)	8ms (Rising/Falling)	8ms (Rising/Falling)	8ms (Rising/Falling)
<b>Audio Power / Speakers</b>	8 Ohms, 2 Speakers x 10 Watts	8 Ohms, 2 Speakers x 10 Watts	No	2 Speakers x 5 Watts	No
<b>Viewing Angle (L/R/T/B)</b>	89/89/89/89 degrees	89/89/89/89 degrees	89/89/89/89 degrees	88/88/88/88 degrees	89/89/89/89 degrees
<b>Digital Signal Processing</b>	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter, 3D noise reduction, and de-interlacing	3D Comb Filter
<b>Removable Desk Stand</b>	N/A	N/A	N/A	Yes	N/A
<b>Dimensions w/ Desk Stand</b>	N/A	N/A	N/A	45.17" x 26.65" x 7.6" / 1147 x 677 x 197mm	N/A
<b>Dimensions w/o Desk Stand</b>	64.9" x 39.3" x 3.9" / 1649.8 x 999 x 98mm	51.8" x 31.7" x 3.7" / 1315 x 805 x 93mm	47.9" x 26.9" x 4.8" / 1216.7 x 683.3 x 121.9mm	45.17" x 26.26" x 2.5" / 1147 x 667 x 63mm	40.2" x 22.7" x 6.1" / 1021.98 x 576.6 x 155mm
<b>Operating Temp/Humidity</b>	32 ~ 104°F / 0 ~ 40°C 10% ~ 90% humidity	32 ~ 104°F / 0 ~ 40°C 10% ~ 90% humidity	32 ~ 140°F / 0 ~ 60°C 10% ~ 90% humidity	32-104° F / 0 - 40° C 5% ~ 95% humidity	32 ~ 140°F / 0 ~ 60°C 10% ~ 90% humidity
<b>Power Requirements</b>	100 ~ 240 VAC; 50/60Hz	100 ~ 240 VAC; 50/60Hz	100 ~ 240 VAC; 50/60 Hz	x1 AC Input; 110 -240V AC	100 ~ 240 VAC; 50/60 Hz
<b>Power Consumption</b>	350 Watts (Active); 0.5 Watts (Stand-by)	190 Watts (Active); 0.5 Watts (Stand-by)	<300 Watts (Active); <1 Watt (Stand-by)	130 Watts (Max)	200 Watts
<b>Digital ATSC/QAM TV Tuner</b>	No	No	No	No	No
<b>HDMI / DVI / DisplayPort / RS-232</b>	x3 / No / No / x1 9-pin	x3 / No / No / x1 9-pin	x1 / x2 / No / x1 RJ45	x1 / x1 / x1 / No	x1 / x2 / No / x1 RJ45
<b>VGA</b>	x3 15-pin D-sub Inputs / x1 Output	x3 15-pin D-sub Inputs / x1 Output	x1 15-pin D-sub Input	x1 RGB 15-pin D-sub Input	x1 15-pin D-sub Input
<b>Composite</b>	x1 Input	x1 Input	x1 BNC Input; x1 BNC Output	x1 RCA Input	x1 BNC Input; x1 BNC Output
<b>Component</b>			No	No	No
<b>Audio</b>	x1 3.5mm Input; x1 Coaxial Digital Output; x1 earphone Output	x1 3.5mm Input; x1 Coaxial Digital Output; x1 earphone Output	x1 R/L Input / Output	x1 RCA L/R Input	x1 R/L Input / Output
<b>Power</b>	x1 AC Input	x1 AC Input	x1 AC Input		x1 AC Input
<b>Weight</b>	Net: 156.53 lbs / 71 kg Gross: 185.19 lbs / 84 kg	Net: 119.1 lbs / 54 kg Gross: 143.3 lbs / 65 kg	Net: 79.4lbs / 36 kg Gross: 90.4 lbs / 41 kg	77 lbs / 35 Kg	Net: 48.5 lbs / 22 kg; Gross: 59.5 lbs / 27 kg
<b>Additional Information</b>	Intel Core i5, 4GB DDR3 Memory, Ethernet, Wi-Fi, 6USB, IR Multi-touch screen, x1 Display Port Output (PC)	Intel Core i5, 4GB DDR3 Memory, Ethernet, Wi-Fi, 6USB, IR Multi-touch screen, x1 Display Port Output (PC)			

## 43"



## 32" TV



## 28"



## 27"



## 23"



Model	LED-4301-4K	LED-3212HDT	LED-2802-4KIP	LED-2703HDPVM	LED-2364HD
<b>Mount</b>	Wall: VESA 200 x 200 mm and 200 x 400mm; Removable Desk Stand	Wall: VESA 200 x 100 mm Includes removable Desk Stand	Wall: VESA 200 x 200 mm Includes removable Desk Stand	VESA 100 x 100mm	Wall: VESA 100 x 100mm Includes removable Desk Stand
<b>HD Compatible</b>	Yes - UHD	Yes	Yes	Yes	Yes
<b>Anti Glare Coating</b>	Yes	Yes	Yes	Yes	Yes
<b>V Chip/Closed Caption</b>	N/A	Yes	N/A	N/A	N/A
<b>Case</b>	Durable Metal	Durable ABS Plastic	Durable ABS Plastic	Durable Metal, Acrylic Front Face	Durable ABS Plastic
<b>Built-in Power Supply</b>	Yes	Yes	Yes	No	No
<b>IR Remote Control</b>	Yes	Yes	Yes	Yes	Yes
<b>Native Aspect Ratio</b>	16:9	16:9	16:9	16:9	16:9
<b>Visible Screen Size (WH)</b>	37.5" x 21" / 951.9 x 535.46mm	27.6" x 15.5" / 702 x 394mm	24.6" x 13.6" / 623.9 x 344.5mm	23.53" x 13.23" / 597.6 x 336mm	20.5" x 11.54" / 521.28 x 293.2mm
<b>Resolution</b>	3840 x 2160 (Ultra HD)	1366 x 768 (displays 1080i/p)	3840 x 2160 Ultra HD	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)
<b>Brightness Rating</b>	350 cd/m <sup>2</sup> (Nit)	280 cd/m <sup>2</sup> (Nit)	300 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>
<b>Contrast Ratio</b>	1000:1	1200:1	1000:1	3000:1	3000:1
<b>Back Light</b>	LED (30K)	LED (30K)	LED (30K)	LED (30K)	LED
<b>PC Compatibility</b>	Yes	Yes	Yes	Yes	Yes
<b>Dot Pitch</b>	0.2451 x 0.2451mm	0.1703(H) x 0.5108(V)mm	00.16(H) x 0.16(V)mm	0.3(H) x 0.3(V) mm	0.2715(H) x 0.2715(V)mm
<b>Color Depth</b>	1.073 billion	16.7 million	1.073 billion	16.7 million	16.7 million
<b>Response Time</b>	8ms (Rising/Falling)	8ms (Rising/Falling)	5ms/5ms (Rising/Falling)	5ms (Rising/Falling)	5ms (Rising/Falling)
<b>Audio Power / Speakers</b>	2 Speakers x 5 Watts	2 Speakers x 8 Watts	8 Ohm, 2 Speakers x 5 Watts	8 Ohm, 2 Speakers x 2 Watts	2 Speakers x 2.5 Watts
<b>Viewing Angle (L/R/T/B)</b>	89/89/89/89 degrees	89/89/89/89 degrees	85/85/85/85 degrees	89/89/89/89 degrees	85/85/85/85 degrees
<b>Digital Signal Processing</b>	3D Comb Filter, 3D noise reduction, and de-interlacing	3D Comb Filter		3D Comb Filter; 3D De-Interlace	3D Comb Filter
<b>Removable Desk Stand</b>	Yes	Yes	Yes	N/A	Yes
<b>Dimensions w/ Deskstand</b>	39" x 25" x 7.6" / 990.8 x 635.7 x 197mm	29.1" x 19.4" x 9.8" / 739 x 492 x 250mm	26.4" x 17.6" x 7.8" / 671 x 447 x 197.5mm	N/A	
<b>Dimensions w/o Deskstand</b>	39" x 22.8" x 2.5" / 990.8 x 580.2 x 63.1mm	29.1" x 19.4" x 2.7" / 739 x 492 x 68mm	26.4" x 15.4" x 2.4" / 671 x 391.5 x 60.4mm	25.1" x 17.65" x 2.76" / 637.5 x 448.3 x 70.1mm	22.6" x 14" x 1.8" / 573.3 x 355.2 x 46.7mm
<b>Operating Temp/Humidity</b>	32-104° F / 0 - 40° C 5% ~ 95% humidity	41 ~ 104°F / 5 ~ 40°C 10% ~ 85% humidity	-4 ~ 122°F / -20 ~ 50°C 20% ~ 70% humidity	32 ~ 122°F / 0 ~ 50°C	32 ~ 104°F / 0 ~ 40°C 10% ~ 90%
<b>Power Requirements</b>	110 -240 VAC; 50/60 Hz	100 ~ 240 VAC; 50/60 Hz	100 ~ 220 VAC; 50/60 Hz	100 ~ 240 VAC; 75Hz	100 ~ 240 VAC; 50/60Hz; 12VDC / 3.3A; AC adapter included
<b>Power Consumption</b>	47 Watts (Max)	55 Watts (Max); 0.5 Watts (Stand-by)	<40 Watts	<50 Watts	<35 Watts (Active); 0.5 Watts (Stand-by)
<b>Digital ATSC/QAM TV Tuner</b>	No	Yes	N/A	N/A	N/A
<b>HDMI / DVI / DisplayPort / RS-232</b>	x1 / x1 / x1 / No	x3 / No / No / No	x1 / x1 / x1 / No	x1 / x1 / No / No	x2 / No / No / x1 Input, x1 Output (Loop-through)
<b>VGA</b>	x1 RGB 15-pin D-sub Input	x1 RGB 15-pin D-sub Input	x1 15-pin D-sub Input	x1 RGB 15-pin D-sub	x1 15-pin mini D-sub Input
<b>Composite</b>	x1 RCA Input	x2 RCA Inputs; x1 RCA Output	x1 RCA Video Input	x1 BNC Input; x1 BNC Output	x2 BNC Inputs; x2 BNC Outputs
<b>Component</b>	No	x3 RCA YPbPr Inputs	No	No	No
<b>Audio</b>	x1 RCA L/R Input	x2 3.5mm Input; x1 RCA L/R Output; x1 3.5mm Output	x1 3.5mm Input	x1 3.5mm PC Input; x1 RCA L/R Input	x2 Inputs
<b>Power</b>	x1 AC Input	x1 AC Input	x1 AC Input	x1 24VDC Input	x1 DC12V Input
<b>Weight</b>	Net: 49.6 lbs / 22.5 kg	Net: 15.4 lbs / 7 kg; Gross: 19.8 lbs / 9 kg	Net: 41 lbs / 18.6 kg	Net: 14.6 lbs / 6.6 kg Gross: 16.1 lbs / 7.3 kg	Net: 9.04 lbs / 4.1 kg; Gross: 12.57 lbs / 5.7 kg
<b>Additional Information</b>			Built-in hardware decoder with embedded Linux system provides streaming of an IP ONVIF-compliant camera; includes PoE+ 802.3at to power IP PoE camera	ONVIF 2.2 IP Camera; 1/2.8" SONY® Exmore; Res: 1920x1080@25fps; 0.1 Lux(C), 0.01 Lux (B/W); H.264MJPEG; Vari-focal; x1 SD port; x1RJ45	x1 SD Card port; x1 USB2.0 port

## 21.5"



## 21.5"



## 21.5"



## 19"



## 19"



Model	LED-2155HD	LED-2154HD-IP	LED-2153HDSDI	LED-1910HDVB	LED-1910HDVBR
<b>Mount</b>	Wall: VESA 100 x 100mm Includes removable Desk Stand	Wall: VESA 100 x 100mm Includes removable Desk Stand	Wall: VESA 100 x 100mm Desk Stand included	Wall: VESA 100mm X 100mm	Rack Mount: 9RU
<b>HD Compatible</b>	Yes	Yes	Yes	Yes	Yes
<b>Anti Glare Coating</b>	Yes	Yes	Yes	Yes	Yes
<b>V Chip/Closed Caption</b>	N/A	N/A	N/A	N/A	N/A
<b>Case</b>	Durable ABS Plastic	Durable Aluminum / Steel	Durable Metal	Durable Metal	Durable Metal
<b>Built-in Power Supply</b>	No	No	No	No	No
<b>IR Remote Control</b>	No	No	Yes	Yes	Yes
<b>Native Aspect Ratio</b>	16:9	16:9	16:9	5:4	5:4
<b>Visible Screen Size (WH)</b>	18.03" x 10.14" / 457.9 x 257.6mm	18.8" x 10.6" / 476.6 x 268.1mm	18.76" x 10.5" / 476.6 x 268.1mm	14.81" x 11.85" / 376.3 x 301.1mm	14.8" x 11.8" / 376.3 x 301mm
<b>Resolution</b>	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1280 x 1024 (displays 1080i/p)	1280 x 1024 (displays 1080i/p)
<b>Brightness Rating</b>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	1000 cd/m <sup>2</sup>	1000 cd/m <sup>2</sup>
<b>Contrast Ratio</b>	1000:1	1000:1	1,000:1	1,000:1	1,000:1
<b>Back Light</b>	LED	LED (30K)	LED (50K)	LED (30K)	LED (30K)
<b>PC Compatibility</b>	Yes	Yes	Yes	Yes	Yes
<b>Dot Pitch</b>	0.248 x 0.248mm	0.248 x 0.248mm	0.24825(H) x 0.24825(V)mm	0.294(H) x 0.294(V)mm	0.294(H) x 0.294(V)mm
<b>Color Depth</b>	16.7 million	16.7 million	16.7 million	16.7 million	16.7 million
<b>Response Time</b>	5ms (Rising/Falling)	1.3ms / 3.7ms (Rising/Falling)	3.8ms/1.2ms (Rising/Falling)	5ms (Rising/Falling)	5ms (Rising/Falling)
<b>Audio Power / Speakers</b>	2 Speakers at 5 Watts	2 Speakers x 2 Watts	2 Speakers x 1.5 Watts	2 Speakers x 2.5 Watts	2 Speakers x 2.5 Watts
<b>Viewing Angle (L/R/T/B)</b>	85/85/85/85 degrees	80/80/85/85 degrees	85/85/80/80 degrees	85/85/80/80 degrees	85/85/80/80 degrees
<b>Digital Signal Processing</b>	3D Comb Filter		3D Comb Filter	3D Comb Filter and noise reduction	3D Comb Filter and noise reduction
<b>Removable Desk Stand</b>	Yes	Yes	Yes	N/A	N/A
<b>Dimensions w/ Deskstand</b>	19.4" x 14.4" x 6.4" / 491.6 x 365.4 x 163.7mm	20.9" x 15" x 7.5" / 530x380x190mm	20.1" x 12.2" x 2.8" / 510 x 310 x 70mm	N/A	N/A
<b>Dimensions w/o Deskstand</b>	19.4" x 11.9" x 2.1" / 491.6 x 301.1 x 53.5mm	20.9" x 12.6" x 2" / 530x320x50mm	20.1" x 12.2" x 2.4" / 510 x 310 x 60mm	15.96" x 13.05" x 1.9" / 405.4 x 331.4 x 48.3mm	9RU x 1.9"
<b>Operating Temp/Humidity</b>	32 ~ 104°F / 0 ~ 40°C	32 ~ 104°F / 0 ~ 40°C 20% ~ 90% humidity	32 ~ 104°F / 0 ~ 40°C 10% ~ 90% humidity	32 ~ 122°F / 0 ~ 50°C 5% ~ 90% humidity	32 ~ 122°F / 0 ~ 50°C 5% ~ 90% humidity
<b>Power Requirements</b>	100 ~ 240 VAC, 50/60Hz	Regulated 12VDC; 5 Amps; Negative Ground	100 ~ 240 VAC, 50/60 Hz; 12VDC / 3.3A; AC adapter included	12 VDC (Includes ext. AC adapter)	12 VDC (Includes ext. AC adapter)
<b>Power Consumption</b>	< 25 Watt (Active); < 0.5 Watt (Stand-by)	15 Watts (Max)	30 Watts (Active); < 3 Watts (Stand-by)	<20 Watts (Max)	<20 Watts (Max)
<b>Digital ATSC/QAM TV Tuner</b>	N/A	N/A	N/A	N/A	N/A
<b>HDMI / DVI / DisplayPort / RS-232</b>	x1 / No / No / No	x1 / x1 / No / No	x1 / No / No / No	x1 / No / No / No	x1 / No / No / No
<b>VGA</b>	x1 15-pin D-sub Input	x1 RGB 15-pin D-sub Input	x1 15-pin D-sub Input	x1 15-pin D-sub Input	x1 15-pin D-sub Input
<b>Composite</b>	x1 BNC Input; x1 BNC Output	x2 BNC Input / Output	x1 BNC Input; x1 Output	x2 BNC Inputs; x2 BNC Outputs	x2 BNC Inputs; x2 BNC Outputs
<b>Component</b>	No	No	No	No	No
<b>S-Video</b>	No	No	x1 Input	x1 Input	x1 Input
<b>Audio</b>	x1 3.5mm Input; x1 3.5mm Output	x1 RCA L/R Input; x1 3.5mm Output	x1 RCA L/R Input; x1 PC Input	x2 Inputs	x2 Inputs
<b>Power</b>	x1 12VDC Input	x1 2.1mm DC Input	x1 2.1mm DC Input	x1 2.1mm DC Input	x1 2.1mm DC Input
<b>Weight</b>	Net: 8.38 lbs / 3.8 kg	Net: 12.8 lbs / 5.8 kg	Net: 12.95 lbs / 5.9 kg	Net: 3.97 lbs / 1.8 kg; Gross: 15.65 lbs / 7.1 kg	Net: 3.97 lbs / 1.8 kg; Gross: 15.65 lbs / 7.1 kg
<b>Additional Information</b>		System Architecture: RISC-based; Embedded Linux OS; x1 RJ45 10M/100M self-adaptive LAN port; includes removable USB Optical Mouse; e-SATA port	x1 HD-SDI Input / Output		

19"



19"



19"



19" TV



19" TV



Model	LED-1908HD	LED-1908HDL	LED-1908HDR	LED-1906HDMT	LED-1906HDMTL
<b>Mount</b>	Wall: VESA 100 x 100mm Desk Stand easel included	Flush Mount	Rack Mount: 9RU	Wall: VESA 75 x 75mm	Flush Mount
<b>HD Compatible</b>	Yes	Yes	Yes	Yes	Yes
<b>Anti Glare Coating</b>	Yes	Yes	Yes	Yes	Yes
<b>V Chip/Closed Caption</b>	N/A	N/A	N/A	Yes	Yes
<b>Case</b>	Durable Metal	Durable Metal	Durable Metal	Durable Metal	Durable Metal
<b>Built-in Power Supply</b>	No	No	No	Yes	Yes
<b>IR Remote Control</b>	No	No	No	Yes	Yes
<b>Native Aspect Ratio</b>	5:4; displays 16:9 (true 4:3 option available)	5:4; displays 16:9 (true 4:3 option available)	5:4; displays 16:9 (true 4:3 option available)	16:9	16:9
<b>Visible Screen Size (WH)</b>	14.8" x 11.8" / 376.3 x 301mm	14.8" x 11.8" / 376.3 x 301mm	14.8" x 11.8" / 376.3 x 301mm	16.1" x 9.1" / 409.8 x 230.4mm	16.1" x 9.1" / 409.8 x 230.4mm
<b>Resolution</b>	1280 x 1024 (displays 1080i/p)	1280 x 1024 (displays 1080i/p)	1280 x 1024 (displays 1080i/p)	1366 x 768 (displays 1080i/p)	1366 x 768 (displays 1080i/p)
<b>Brightness Rating</b>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>
<b>Contrast Ratio</b>	1,000:1	1,000:1	1,000:1	1,000:1	1,000:1
<b>Back Light</b>	LED (30K)	LED (30K)	LED (30K)	LED (30K)	LED (30K)
<b>PC Compatibility</b>	Yes	Yes	Yes	Yes	Yes
<b>Dot Pitch</b>	0.294(H) x 0.294(V)mm	0.294(H) x 0.294(V)mm	0.294(H) x 0.294(V)mm	0.30(H) x 0.30(V)mm	0.30(H) x 0.30(V)mm
<b>Color Depth</b>	16.7 million	16.7 million	16.7 million	16.7 million	16.7 million
<b>Response Time</b>	5ms (Rising/Falling)	5ms (Rising/Falling)	5ms (Rising/Falling)	5ms (Rising/Falling)	5ms (Rising/Falling)
<b>Audio Power / Speakers</b>	2 Speakers x 1.5 Watts	2 Speakers x 1.5 Watts	2 Speakers x 1.5 Watts	8 Ohm, 2 Speakers x 2 Watts	8 Ohm, 2 Speakers x 2 Watts
<b>Viewing Angle (L/R/T/B)</b>	85/85/80/80 degrees	85/85/80/80 degrees	85/85/80/80 degrees	85/85/80/80 degrees	85/85/80/80 degrees
<b>Digital Signal Processing</b>	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D comb filter image processing and 3D digital noise reduction	3D comb filter image processing and 3D digital noise reduction
<b>Removable Desk Stand</b>	Yes (easel)	N/A	N/A	No	N/A
<b>Dimensions w/ Deskstand</b>	N/A	N/A	N/A	N/A	N/A
<b>Dimensions w/o Deskstand</b>	16.4" x 14.5" x 2.9" / 415.5 x 366.7 x 72mm	17.5" x 10.4" x 2.1" / 443 x 264 x 52mm	9RU x 2.9"	17.51" x 11.89" x 1.4" / 445 x 302 x 36mm	19.06" x 13.39" x 1.93" / 484 x 340 x 49mm
<b>Operating Temp/Humidity</b>	32 ~ 104°F / 0 ~ 40°C 10% ~ 90% humidity	32 ~ 104°F / 0 ~ 40°C 10% ~ 90% humidity	32 ~ 104°F / 0 ~ 40°C 10% ~ 90% humidity	6 ~ 104°F / -14 ~ 40°C 10% ~ 90% humidity	6 ~ 104°F / -14 ~ 40°C 10% ~ 90% humidity
<b>Power Requirements</b>	DC 12V (AC100~240)[50/60]	DC 12V (AC100~240)[50/60]	DC 12V (AC100~240)[50/60]	100 ~ 240 VAC; 50/60Hz	100 ~ 240 VAC; 50/60Hz
<b>Power Consumption</b>	15 Watts (Max)	15 Watts (Max)	15 Watts (Max)	<25 Watts (Active); <= 0.5 Watts (Stand-by)	< 25 Watts (Active); < 0.5 Watts (Stand-by)
<b>Digital ATSC/QAM TV Tuner</b>	N/A	N/A	N/A	Yes	Yes
<b>HDMI / DVI / DisplayPort / RS-232</b>	x2 / No / No / No	x2 / No / No / No	x1 / No / No / No	x3 / No / No / No	x3 / No / No / No
<b>VGA</b>	x1 15-pin D-sub Input	x1 15-pin D-sub Input	x1 15-pin D-sub Input	x1 15-pin mini D-sub Input	x1 15-pin mini D-sub Input
<b>Composite</b>	x1 BNC Input; x1 Output	x1 BNC Input; x1 Output	x1 BNC Input; x1 Output	x2 RCA Inputs; x1 RCA Output	x2 RCA Inputs; x1 RCA Output
<b>Component</b>	No	No	No	x1 RCA YPbPr Input	x1 RCA YPbPr Input
<b>S-Video</b>	No	No	No	No	No
<b>Audio</b>	x1 L/R RCA Input; x1 3.5mm PC stereo Input	x1 L/R RCA Input; x1 3.5mm PC stereo Input	x1 L/R RCA Input; x1 3.5mm PC stereo Input	x1 RCA L/R Output; x1 3.5mm PC Input; x1 Coaxial Digital Output; x1 3.5mm earphone Output	x1 RCA L/R Output; x1 3.5mm PC Input; x1 Coaxial Digital Output; x1 3.5mm earphone Output
<b>Power</b>	x1 2.1mm DC Input	x1 2.1mm DC Input	x1 2.1mm DC Input	x1 AC Input	x1 AC Input
<b>Weight</b>	Net: 10.2 lbs / 4.7 kg; Gross: 15.7 lbs / 7.1 kg	Net: 11.8 lbs / 5.4 kg Gross: 17.3 lbs / 7.9 kg	Net: 12.43 lbs / 5.65 kg Gross: 17.35 lbs / 7.9 kg	Net: 8.8 lbs / 4 kg Gross: 11 lbs / 5 kg	Net: 8.8 lbs / 4 kg Gross: 12 lbs / 5.4 kg
<b>Additional Information</b>				USB: x1 Input for f/w update only	USB: x1 Input for f/w update only

19" TV



19" TV



17"



17"



17"



Model	LED-1906HDMTLX	LED-1906HDMTR	LED-1709HD	LED-1709HDL	LED-1709HDR
<b>Mount</b>	Flush Mount	Rack Mount: 7RU	Wall: VESA 100mm X 100mm Desk Stand easel included	Flush Mount	Rack Mount: 8RU
<b>HD Compatible</b>	Yes	Yes	Yes	Yes	Yes
<b>Anti Glare Coating</b>	Yes	Yes	Yes	Yes	Yes
<b>V Chip/Closed Caption</b>	Yes	Yes	N/A	N/A	N/A
<b>Case</b>	Durable Metal	Durable Metal	Durable Metal	Durable Metal	Durable Metal
<b>Built-in Power Supply</b>	Yes	Yes	No	No	No
<b>IR Remote Control</b>	Yes	Yes	No	No	No
<b>Native Aspect Ratio</b>	16:9	16:9	5:4; displays 16:9 (true 4:3 option available)	5:4; displays 16:9 (true 4:3 option available)	5:4; displays 16:9 (true 4:3 option available)
<b>Visible Screen Size (WH)</b>	16.1" x 9.1" / 409.8 x 230.4mm	16.1" x 9.1" / 409.8 x 230.4mm	13.4" x 10.7" / 340 x 272mm	13.4" x 10.7" / 340 x 272mm	13.4" x 10.7" / 340 x 272mm
<b>Resolution</b>	1366 x 768 (displays 1080i/p)	1366 x 768 (displays 1080i/p)	1280 x 1024 (displays 1080i/p)	1280 x 1024 (displays 1080i/p)	1280 x 1024
<b>Brightness Rating</b>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>
<b>Contrast Ratio</b>	1,000:1	1,000:1	1,000:1	1,000:1	1,000:1
<b>Back Light</b>	LED (30K)	LED	LED (30K)	LED (30K)	LED (30K)
<b>PC Compatibility</b>	Yes	Yes	Yes	Yes	Yes
<b>Dot Pitch</b>	0.30(H) x 0.30(V)mm	0.30(H) x 0.30(V)mm	0.264(H) x 0.264(V)mm	0.264(H) x 0.264(V)mm	0.264(H) x 0.264(V)mm
<b>Color Depth</b>	16.7 million	16.7 million	16.7 million	16.7 million	16.7 million
<b>Response Time</b>	5ms (Rising/Falling)	5ms (Rising/Falling)	5ms (Rising/Falling)	5ms (Rising/Falling)	5ms (Rising/Falling)
<b>Audio Power / Speakers</b>	8 Ohm, 2 Speakers x 2 Watts	8 Ohm, 2 Speakers x 2 Watts	2 Speakers x 1.5 Watts	2 Speakers x 1.5 Watts	2 Speakers x 1.5 Watts
<b>Viewing Angle (L/R/T/B)</b>	85/85/80/80 degrees	85/85/80/80 degrees	85/85/80/80 degrees	85/85/80/80 degrees	85/85/80/80 degrees
<b>Digital Signal Processing</b>	3D comb filter image processing and 3D digital noise reduction	3D comb filter image processing and 3D digital noise reduction	3D Comb Filter	3D Comb Filter	3D Comb Filter
<b>Removable Desk Stand</b>	N/A	N/A	Yes (easel)	N/A	N/A
<b>Dimensions w/ Deskstand</b>	N/A	N/A			
<b>Dimensions w/o Deskstand</b>	19.06" x 13.39" x 1.93" / 484 x 340 x 49mm	7RU (rack units)	14.9" x 13.1" x 2.9" / 378 x 331.5 x 72mm	16.9" x 15.1" x 2.9" / 427.8 x 381.5 x 72mm	8RU x 2.9"
<b>Operating Temp/Humidity</b>	6 ~ 104°F / -14 ~ 40°C 10% ~ 90% humidity	6 ~ 104°F / -14 ~ 40°C	32 ~ 104°F / 0 ~ 40°C 10% ~ 90% humidity	32 ~ 104°F / 0 ~ 40°C 10% ~ 90% humidity	32 ~ 104°F / 0 ~ 40°C 10% ~ 90% humidity
<b>Power Requirements</b>	100 ~ 240 VAC; 50/60Hz	100 ~ 240 VAC; 50/60Hz	DC 12V (AC100~240)[50/60]	DC 12V (AC100~240)[50/60]	DC 12V (AC100~240)[50/60]
<b>Power Consumption</b>	< 25 Watts (Active); < 0.5 Watts (Stand-by)	< 25 Watts (Active); < 0.5 Watts (Stand-by)	15 Watts (Max); 1.5 watts (Stand-by)	15 Watts	15 Watts
<b>Digital ATSC/QAM TV Tuner</b>	Yes	Yes	No	No	No
<b>HDMI / DVI / DisplayPort / RS-232</b>	x3 / No / No / No	x3 / No / No / No	x2 / No / No / No	x2 / No / No / No	x2 / No / No / No
<b>VGA</b>	x1 15-pin mini D-sub Input	x1 15-pin mini D-sub Input	x1 15-pin D-sub Input	x1 15-pin D-sub Input	x1 15-pin D-sub Input
<b>Composite</b>	x2 RCA Inputs; x1 RCA Output	x2 RCA Inputs; x1 RCA Output	x1 BNC Input; x1 Output	x1 BNC Input; x1 Output	x1 BNC Input; x1 Output
<b>Component</b>	x1 RCA YPbPr Input	x1 RCA YPbPr Input	No	No	No
<b>S-Video</b>	No	No	No	No	No
<b>Audio</b>	x1 RCA L/R Output; x1 3.5mm PC Input; x1 Coaxial Digital Output; x1 3.5mm earphone Output	x1 RCA L/R Output; x1 3.5mm PC Input; x1 Coaxial Digital Output; x1 3.5mm earphone Output	x1 L/R RCA Input; x1 3.5mm PC stereo Input	x1 L/R RCA Input; x1 3.5mm PC stereo Input	x1 L/R RCA Input; x1 3.5mm PC stereo Input
<b>Power</b>	x1 AC Input	x1 AC Input	x1 2.1mm DC Input	x1 2.1mm DC Input	x1 2.1mm DC Input
<b>Weight</b>	Net: 8.8 lbs / 4 kg Gross: 12 lbs / 5.4 kg	Net: 11.4 lbs / 5.2 kg Gross: 13.4 lbs / 6.1 kg	Net: 9.95 lbs / 4.5 kg Gross: 15.5 lbs / 7 kg	Net: 11.4 lbs / 5.2 kg Gross: 18.3 lbs / 8.3 kg	Net: 11.9 lbs / 5.4 kg Gross: 17.5 lbs / 8 kg
<b>Additional Information</b>	USB: x1 Input for f/w update only				

## 15.6" TV



## 15.6" TV



## 15.6" TV



## 15.6"



## 15.6"



Model	LED-1566HDT	LED-1566HDTL	LED-1566HDTR	LED-1562HD	LED-1562HDX
<b>Mount</b>	Wall: VESA 75 x 75mm Includes removable Desk Stand	Flush Mount	Rack Mount: 6RU	Wall: VESA 75 x 75mm and 100 x 100mm; Removable Desk Stand	Wall: VESA 75 x 75mm and 100 x 100mm; No front controls
<b>HD Compatible</b>	Yes	Yes	Yes	Yes	Yes
<b>Anti Glare Coating</b>	Yes	Yes	Yes	Yes	Yes
<b>V Chip/Closed Caption</b>	Yes	Yes	Yes	N/A	N/A
<b>Case</b>	Durable ABS Plastic	Durable ABS Plastic	Durable ABS Plastic	Durable Metal	Durable Metal
<b>Built-in Power Supply</b>	No	No	No	No	No
<b>IR Remote Control</b>	Yes	Yes	Yes	Yes	Yes
<b>Native Aspect Ratio</b>	16:9	16:9	16:9	16:9	16:9
<b>Visible Screen Size (WH)</b>	13.6" x 7.6" / 345 x 195mm	13.6" x 7.6" / 345 x 195mm	13.6" x 7.6" / 345 x 195mm	13.6" x 7.6" / 345 x 193mm	13.6" x 7.6" / 345 x 193mm
<b>Resolution</b>	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)
<b>Brightness Rating</b>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
<b>Contrast Ratio</b>	800:1	800:1	800:1	600:1	600:1
<b>Back Light</b>	LED (15K)	LED (15K)	LED (15K)	LED (30K)	LED (30K)
<b>PC Compatibility</b>	Yes	Yes	Yes	Yes	Yes
<b>Dot Pitch</b>	0.264(H) x 0.264(V)mm	0.264(H) x 0.264(V)mm	0.215(H) x 0.215(V)mm	0.17925(H) x 0.17925(V)mm	0.17925(H) x 0.17925(V)mm
<b>Color Depth</b>	16.7 million	16.7 million	16.7 million	6-bit, 262K	6-bit, 262K
<b>Response Time</b>	25ms (Rising/Falling)	25ms (Rising/Falling)	25ms (Rising/Falling)	8ms (Rising/Falling)	8ms (Rising/Falling)
<b>Audio Power / Speakers</b>	8 Ohm, 2 Speakers x 5 Watts	8 Ohm, 2 Speakers x 5 Watts	8 Ohm, 2 Speakers x 5 Watts	8 Ohm, 2 Speakers x 5 Watts	8 Ohm, 2 Speakers x 5 Watts
<b>Viewing Angle (L/R/T/B)</b>	85/85/85/85 degrees	85/85/85/85 degrees	85/85/85/85 degrees	70/70/60/60 degrees	70/70/60/60 degrees
<b>Digital Signal Processing</b>	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter
<b>Removable Desk Stand</b>	Yes	N/A	N/A	Yes	N/A
<b>Dimensions w/ Deskstand</b>	15.7" x 11.6" x 4.7" / 398.8 x 294.6 x 119.4mm	N/A	N/A	14.25" x 10.78" x 5.5" / 362 x 275 x 140mm	14.25" x 10.78" x 5.5" / 362 x 275 x 140mm
<b>Dimensions w/o Deskstand</b>	15.7" x 11.25" x 1.5" / 398.8 x 285.8 x 38mm	16.7" x 11.4" x 1.9" / 425 x 290 x 48mm	6 RU (rack units)	14.25" x 10.5" x 1.85" / 362 x 267 x 47mm	14.25" x 10.5" x 1.85" / 362 x 267 x 47mm
<b>Operating Temp/Humidity</b>	32 ~ 104°F / 0 ~ 40°C 10% ~ 90% humidity	32 ~ 104°F / 0 ~ 40°C 10% ~ 90% humidity	32 ~ 104°F / 0 ~ 40°C 10% ~ 90% humidity	32 ~ 104°F / 0 ~ 40°C 10% ~ 90% humidity	32 ~ 104°F / 0 ~ 40°C 10% ~ 90% humidity
<b>Power Requirements</b>	Regulated 12VDC; 3A; Negative Ground	Regulated 12VDC; 3A; Negative Ground	Regulated 12VDC; 3A; Negative Ground	Regulated 12VDC; 3A; Negative Ground	Regulated 12VDC; 3A; Negative Ground
<b>Power Consumption</b>	30 Watts (Max)	30 Watts (Max)	30 Watts (Max)	8 Watts (Max)	8 Watts (Max)
<b>Digital ATSC/QAM TV Tuner</b>	Yes	Yes	Yes	N/A	N/A
<b>HDMI / DVI / DisplayPort / RS-232</b>	x1 / No / No / No	x1 / No / No / No	x1 / No / No / No	x2 / No / No / x1 Input	x2 / No / No / x1 Input
<b>VGA</b>	x1 15-pin D-sub Input	x1 15-pin D-sub Input	x1 15-pin mini D-sub Input	x1 15-pin mini D-sub Input	x1 15-pin mini D-sub Input
<b>Composite</b>	x1 RCA Input	x1 RCA Input	x1 RCA Input	x1 BNC Input; x1 BNC Output	x1 BNC Input; x1 BNC Output
<b>Component</b>	x1 RCA (x3) Input	x1 RCA (x3) Input	x1 RCA (x3) Input	No	No
<b>S-Video</b>	No	No	No	No	No
<b>Audio</b>	x1 RCA L/R Input and Output; x1 3.5mm PC Input	x1 RCA L/R Input and Output; x1 3.5mm PC Input	x1 RCA L/R Input and Output; x1 3.5mm PC Input	x1 RCA L/R Input; x1 3.5mm PC Input	x1 RCA L/R Input; x1 3.5mm PC Input
<b>Power</b>	x1 2.1mm DC Input	x1 2.1mm DC Input	x1 2.1mm DC Input	x1 2.1mm DC Input	x1 2.1mm DC Input
<b>Weight</b>	Net: 2.6 lbs / 1.8 kg Gross: 4.9 lbs / 2.2 kg	Net: 2.6 lbs / 1.8 kg Gross: 4.9 lbs / 2.2 kg	Net: 2.6 lbs / 1.8 kg Gross: 4.9 lbs / 2.2 kg	Net: 4.85 lbs / 2.2 kg	Net: 5.9 lbs / 2.7 kg
<b>Additional Information</b>	USB: x1 Input	USB: x1 Input	USB: x1 Input		

15.6"



15.6"



15.6"



15.6" TV



10.1"



Model	LED-1562HDL	LED-1562HDLX	LED-1562HDR	LED-1564MM	LED-1011HDPVM
<b>Mount</b>	Flush Mount	Flush Mount; No front controls	Rack Mount: 6RU	Wall-mount; integrated with mirror	VESA 75 x 75mm
<b>HD Compatible</b>	Yes	Yes	Yes	Yes (displays 1080i/p)	Yes (displays 1080i/p)
<b>Anti Glare Coating</b>	Yes	Yes	Yes	Yes	Yes
<b>V Chip/Closed Caption</b>	N/A	N/A	N/A	Yes	N/A
<b>Case</b>	Durable Metal	Durable Metal	Durable Metal	Metal and Glass	Durable Metal
<b>Built-in Power Supply</b>	No	No	No	No	No
<b>IR Remote Control</b>	Yes	Yes	Yes	Yes - waterproof	Yes
<b>Native Aspect Ratio</b>	16:9	16:9	16:9	4:3	4:3
<b>Visible Screen Size (WH)</b>	13.6" x 7.6" / 345 x 193mm	13.6" x 7.6" / 345 x 193mm	13.6" x 7.6" / 345 x 193mm	13.6" x 7.6" / 344.2 x 193.6mm	8.6" x 5.4" / 218.5 x 137mm
<b>Resolution</b>	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1280(H) x 800(V)
<b>Brightness Rating</b>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
<b>Contrast Ratio</b>	600:1	600:1	600:1	800:1	1,000:1
<b>Back Light</b>	LED (30K)	LED (30K)	LED (30K)	LED (15K)	LED
<b>PC Compatibility</b>	Yes	N/A	N/A	N/A	N/A
<b>Dot Pitch</b>	0.17925(H) x 0.17925(V)mm	0.17925(H) x 0.17925(V)mm	0.17925(H) x 0.17925(V)mm	0.2595(H) x 0.2595(V)mm	0.264(H) x 0.264(V)mm
<b>Color Depth</b>	6-bit, 262K	6-bit, 262K	6-bit, 262K	6-bit, 262K	16.7 million
<b>Response Time</b>	8ms (Rising/Falling)	8ms (Rising/Falling)	8ms (Rising/Falling)	25ms (Rising/Falling)	15ms (Rising/Falling)
<b>Audio Power / Speakers</b>	8 Ohm, 2 Speakers x 5 Watts	8 Ohm, 2 Speakers x 5 Watts	8 Ohm, 2 Speakers x 5 Watts	4 Ohms, 2 Speakers x 5 Watts	
<b>Viewing Angle (L/R/T/B)</b>	70/70/60/60 degrees	70/70/60/60 degrees	70/70/60/60 degrees	85/85/85/85 degrees	80/80/80/80 degrees
<b>Digital Signal Processing</b>	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter	3D Comb Filter and 3D De-Interlace
<b>Removable Desk Stand</b>	N/A	N/A	N/A	N/A	N/A
<b>Dimensions w/ Deskstand</b>	N/A	N/A	N/A	N/A	N/A
<b>Dimensions w/o Deskstand</b>	16.22" x 11.69" x 1.85" / 412 x 297 x 47mm	16.22" x 11.69" x 1.85" / 412 x 297 x 47mm	18.98" x 10.47" x 1.85" / 482 x 266 x 47mm (6RU)	30" x 40" x 2.63" / 762 x 1016 x 66.7mm	10" x 8.54" x 2" / 254 x 217 x 50mm
<b>Operating Temp/Humidity</b>	32 ~ 104°F / 0 ~ 40°C 10% ~ 90% humidity	32 ~ 104°F / 0 ~ 40°C 10% ~ 90% humidity	32 ~ 104°F / 0 ~ 40°C 10% ~ 90% humidity	50 ~ 104°F / 10 ~ 40°C 20% ~ 90% humidity	32 ~ 122°F / 0 ~ 50°C
<b>Power Requirements</b>	Regulated 12VDC; 3A; Negative Ground	Regulated 12VDC; 3A; Negative Ground	Regulated 12VDC; 3A; Negative Ground	Regulated 12VDC; 4A; Negative Ground	24VDC (DC12V ~ 35V); Negative Ground
<b>Power Consumption</b>	8 Watts (Max)	8 Watts (Max)	8 Watts (Max)	<30 Watts (Max)	18 Watts (Max)
<b>Digital ATSC/QAM TV Tuner</b>	N/A	N/A	N/A	Yes	N/A
<b>HDMI / DVI / DisplayPort / RS-232</b>	x2 / No / No / x1 Input	x2 / No / No / x1 Input	x2 / No / No / x1 Input	x3 / No / No / No	No / No / No / No
<b>VGA</b>	x1 15-pin mini D-sub Input	x1 15-pin mini D-sub Input	x1 15-pin mini D-sub Input	x1 15-pin mini D-sub Input	No
<b>Composite</b>	x1 BNC Input; x1 BNC Output	x1 BNC Input; x1 BNC Output	x1 BNC Input; x1 BNC Output	x1 RCA Input	x1 CVBS Output
<b>Component</b>	No	No	No	No	No
<b>S-Video</b>	No	No	No	No	No
<b>Audio</b>	x1 RCA L/R Input; x1 3.5mm PC Input	x1 RCA L/R Input; x1 3.5mm PC Input	x1 RCA L/R Input; x1 3.5mm PC Input	Yes	
<b>Power</b>	x1 2.1mm DC Input	x1 2.1mm DC Input	x1 2.1mm DC Input	x1 AC Adapter/power supply	x1 2.1mm DC Input
<b>Weight</b>	Net: 5.6 lbs / 2.5 kg	Net: 5.9 lbs / 2.7 kg	Net: 5.6 lbs / 2.5 kg	Net: 74 lbs / 33.6 kg Gross: 92 lbs / 41.7 kg	Net: 4.2 lbs / 1.9 kg
<b>Additional Information</b>					Camera Sensor: 1/3" SONY CMOS; 3.6mm Fixed; 1080p@25fps; H.264, M-JPEG; Color: 0.1Lux, B/W: 0.01Lux; ONVIF 2.2; x1 RJ45 Output; x1 SD Slot for recording; Model <b>LED-1011PoEPVM</b> is same model with power over ethernet



9.7"

9.7"

9.7"

9.7"

9.7"



Model	LED-1002HD2	LED-1003HD	LED-1003HDX	LED-1003HDL	LED-1003HDLX
<b>Mount</b>	Rack Mount: 5RU	Wall: VESA 75 x 75mm and 100 x 100mm	Wall: VESA 75 x 75mm and 100 x 100mm; No front controls	Flush Mount	Flush Mount; No front controls
<b>HD Compatible</b>	Yes	Yes	Yes	Yes	Yes
<b>Anti Glare Coating</b>	Yes	Yes	Yes	Yes	Yes
<b>Case</b>	Durable Metal	Durable Metal	Durable Metal	Durable Metal	Durable Metal
<b>Built-in Power Supply</b>	No	No	No	No	No
<b>IR Remote Control</b>	No	No	Yes	No	Yes
<b>Native Aspect Ratio</b>	4:3	4:3	4:3	4:3	4:3
<b>Visible Screen Size (WH)</b>	7.8" x 5.9" / 197.6 x 148.8mm (x2)	7.8" x 5.9" / 197.6 x 148.8mm	7.8" x 5.9" / 197.6 x 148.8mm	7.8" x 5.9" / 197.6 x 148.8mm	7.8" x 5.9" / 197.6 x 148.8mm
<b>Resolution</b>	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1024 x 768
<b>Brightness Rating</b>	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>
<b>Contrast Ratio</b>	1,000:1	1,000:1	1,000:1	1,000:1	1,000:1
<b>Back Light</b>	LED (30K)	LED (30K)	LED (30K)	LED (30K)	LED (30K)
<b>PC Compatibility</b>	Yes	Yes	Yes	Yes	Yes
<b>Dot Pitch</b>	0.192(H) x 0.192(V)mm	0.192(H) x 0.192(V)mm	0.192(H) x 0.192(V)mm	0.192(H) x 0.192(V)mm	0.192(H) x 0.192(V)mm
<b>Color Depth</b>	262,144	262,144	262,144	262,144	262,144
<b>Response Time</b>	2ms (Rising/Falling)	2ms (Rising/Falling)	2ms (Rising/Falling)	2ms (Rising/Falling)	2ms (Rising/Falling)
<b>Audio Power / Speakers</b>	2 Speakers x 2 Watts	2 Speakers x 2 Watts	2 Speakers x 2 Watts	2 Speakers x 2 Watts	2 Speakers x 2 Watts
<b>Viewing Angle (L/R/T/B)</b>	89/89/89/89 degrees	89/89/89/89 degrees	89/89/89/89 degrees	89/89/89/89 degrees	89/89/89/89 degrees
<b>Digital Signal Processing</b>	3D interlace & DNR, 4H filter	3D interlace & DNR, 4H filter	3D interlace & DNR, 4H filter	3D interlace & DNR, 4H filter	3D interlace & DNR, 4H filter
<b>Removable Desk Stand</b>	Yes	Yes	Yes	N/A	N/A
<b>Dimensions w/ Deskstand</b>		8.8" x 8.72" x 6.3" / 223 x 221.4 x 160mm	8.8" x 8.72" x 6.3" / 223 x 221.4 x 160mm	N/A	N/A
<b>Dimensions w/o Deskstand</b>	18.9" x 8.72" x 1.85" / 479 x 221.4 x 47mm (5RU)	8.8" x 7.8" x 1.9" / 223.5 x 198 x 48.3mm	8.8" x 8.72" x 1.85" / 223 x 221.4 x 47mm	8.8" x 8.72" x 1.85" / 223 x 221.4 x 47mm	8.8" x 8.72" x 1.85" / 223 x 221.4 x 47mm
<b>Operating Temp/Humidity</b>	32 ~ 104°F / 0 ~ 40°C	32 ~ 104°F / 0 ~ 40°C	32 ~ 104°F / 0 ~ 40°C	32 ~ 104°F / 0 ~ 40°C	32 ~ 104°F / 0 ~ 40°C
<b>Power Requirements</b>	Regulated 12VDC; 2A; Negative Ground	Regulated 12VDC; 2A; Negative Ground	Regulated 12VDC; 2A; Negative Ground	Regulated 12VDC; 2A; Negative Ground	Regulated 12VDC; 2A; Negative Ground
<b>Power Consumption</b>	60 Watts	30 Watts	30 Watts	30 Watts	30 Watts
<b>HDMI / DVI / DisplayPort / RS-232</b>	x2 / No / No / No (per monitor)	x1 / No / No / No	x1 / No / No / No	x1 / No / No / No	x1 / No / No / No
<b>VGA</b>	x1 15-pin mini D-sub Input (per monitor)	x1 15-pin mini D-sub Input	x1 15-pin mini D-sub Input	x1 15-pin mini D-sub Input	x1 15-pin mini D-sub Input
<b>Composite</b>	x1 BNC Input; x1 BNC Output (per monitor)	x1 BNC Input; x1 BNC Output	x1 BNC Input; x1 BNC Output	x1 BNC Input; x1 BNC Output	x1 BNC Input; x1 BNC Output
<b>Component</b>	No	No	No	No	No
<b>S-Video</b>	No	No	No	No	No
<b>Audio</b>	x1 RCA L/R Input (per monitor); x1 PC 3.5mm Input (per monitor)	x1 RCA L/R Input; x1 PC 3.5mm Input	x1 RCA L/R Input; x1 PC 3.5mm Input	x1 RCA L/R Input; x1 PC 3.5mm Input	x1 RCA L/R Input; x1 PC 3.5mm Input
<b>Power</b>	x1 2.1mm DC Input	x1 2.1mm DC Input	x1 2.1mm DC Input	x1 2.1mm DC Input	x1 2.1mm DC Input
<b>Weight</b>	Net: 6.8 lbs / 3.1 kg Gross: 8.2 lbs / 3.7 kg	Net: 2.55 lbs / 1.2 kg Gross: 4.6 lbs / 2.1 kg	Net: 2.55 lbs / 1.2 kg Gross: 4.6 lbs / 2.1 kg	Net: 3.3 lbs / 1.5 kg Gross: 5.35 lbs / 2.43 kg	Net: 3.5 lbs / 1.59 kg Gross: 6.4 lbs / 2.9 kg
<b>Additional Information</b>					

8"

8"

7"

7"

7"



Model	LED-803HD2	LED-803HD	LED-711-4K	LED-711 4KL	LED-711-4K2
<b>Mount</b>	Rack Mount: 4RU	Wall: VESA 75 x 75mm Includes Removable Desk Stand	Wall: VESA 75 x 75mm	Flush Mount	Rack Mount: 3RU
<b>HD Compatible</b>	Yes	Yes	Yes (displays up to 2160p)	Yes (displays up to 2160p)	Yes (displays up to 2160p)
<b>Anti Glare Coating</b>	Yes	Yes	Yes	Yes	Yes
<b>Case</b>	Durable Metal	Durable Metal	Durable Metal	Durable Metal	Durable Metal
<b>Built-in Power Supply</b>	No	No	No	No	No
<b>IR Remote Control</b>	No	No	No	No	No
<b>Native Aspect Ratio</b>	4:3	4:3	16:9	16:9	16:9
<b>Visible Screen Size (WH)</b>	6.4" x 4.8" / 162.0 x 121.5mm (x2)	6.4" x 4.8" / 162.0 x 121.5mm	5.95" x 3.7" / 151.2 x 94mm	5.95" x 3.7" / 151.2 x 94mm	5.95" x 3.7" / 151.2 x 94mm (x2)
<b>Resolution</b>	800 x 600 (displays 1080i/p)	800 x 600 (displays 1080i/p)	1920 x 1200; displays up to 4K (4096 x 2160p)	1920 x 1200; displays up to 4K (4096 x 2160p)	1920 x 1200; displays up to 4K (4096 x 2160p)
<b>Brightness Rating</b>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>
<b>Contrast Ratio</b>	500:1	500:1	1,100:1	1,100:1	1,100:1
<b>Back Light</b>	LED (20K)	LED (20K)	LED (50K)	LED (50K)	LED (50K)
<b>PC Compatibility</b>	Yes	Yes	Yes	Yes	Yes
<b>Dot Pitch</b>	0.0675(H) x 0.2025(V)mm	0.0675(H) x 0.2025(V)mm	0.07875(H) x 0.7875(V) mm	0.07875(H) x 0.7875(V) mm	0.07875(H) x 0.7875(V) mm
<b>Color Depth</b>	16.7 million	16.7 million	16.7 million	16.7 million	16.7 million
<b>Response Time</b>	25ms (Rising/Falling)	25ms (Rising/Falling)	10ms Rising / 15ms Falling	10ms Rising / 15ms Falling	10ms Rising / 15ms Falling
<b>Audio Power / Speakers</b>	2 Speakers x 1.5 Watts	2 Speakers x 1.5 Watts	No	No	No
<b>Viewing Angle (L/R/T/B)</b>	70/70/50/70 degrees	70/70/50/70 degrees	89/89/89/89 degrees	89/89/89/89 degrees	89/89/89/89 degrees
<b>Digital Signal Processing</b>	No	No	3D interlace & DNR, 4H filter	3D interlace & DNR, 4H filter	3D interlace & DNR, 4H filter
<b>Removable Desk Stand</b>	Yes	Yes	N/A	N/A	N/A
<b>Dimensions w/ Deskstand</b>	N/A	N/A	N/A	N/A	N/A
<b>Dimensions w/o Deskstand</b>	19" x 4RU (rack units)	8.8" x 6.9" x 1.9" / 223 x 176.2 x 47mm	7.5" x 5.5" x 1.4" / 190 x 139.8 x 35.6mm	9.05" x 7.08" x 1.4" / 230 x 179.8 x 35.6mm	19" x 5.5" x 1.4" / 482.6 x 139.8 x 35.6mm (3RU)
<b>Operating Temp/Humidity</b>	32 ~ 122°F / -20 ~ 50°C 10% ~ 90% humidity	32 ~ 122°F / -20 ~ 50°C 10% ~ 90% humidity	14 ~ 140°F / -10 ~ 60°C	14 ~ 140°F / -10 ~ 60°C	14 ~ 140°F / -10 ~ 60°C
<b>Power Requirements</b>	11.5~13 VDC, 1.2A	11.5~13 VDC, 1.2A	12VDC 2A (9VDC ~ 24VDC)	12VDC 2A (9VDC ~ 24VDC)	12VDC 2A (9VDC ~ 24VDC)
<b>Power Consumption</b>	20 Watts (Max)	10 Watts (Max)	≤ 11 Watts (Max)	≤ 11 Watts (Max)	≤ 22 Watts (Max)
<b>HDMI / DVI / DisplayPort / RS-232</b>	x2 / No / No / x1 Input	x2 / No / No / x1 Input	x1 / No / No / No	x1 / No / No / No	x1 / No / No / No (per monitor)
<b>VGA</b>	x1 15-pin mini D-sub Input	x1 15-pin mini D-sub Input	No	No	No
<b>Composite</b>	x1 BNC Input; x1 BNC Output	x1 BNC Input; x1 BNC Output	x1 BNC Input; x1 BNC Output	x1 BNC Input; x1 BNC Output	x1 BNC Input; x1 BNC Output (per monitor)
<b>Component</b>	No	No	No	No	No
<b>S-Video</b>	No	No	No	No	No
<b>Audio</b>	x2 R/L (RCA) Inputs; x1 3.5mm PC Input	x2 R/L (RCA) Inputs; x1 3.5mm PC Input	x1 3.5mm Output	x1 3.5mm Output (x2)	x1 3.5mm Output (x2)
<b>Power</b>	x1 2.1mm DC Input	x1 2.1mm DC Input	x1 2.1mm DC Input	x1 2.1mm DC Input	x1 2.1mm DC Input
<b>Weight</b>	Net: 6.1 lbs / 3.05 kg	Net: 2.9 lbs / 1.3 kg	Net: 1.85 lbs / 0.84 kg	Net: 2.9 lbs / 1.3 kg	Net: 6.15 lbs / 2.79 kg
<b>Additional Information</b>			Battery Pack options available		

7"

7"

5.6"

5.6"

5.6"



Model	LED-709HD	LED-720	LED-566HD	LED-566HDM	LED-566HDM L
<b>Mount</b>	Wall: VESA 75 x 75mm Includes removable Desk Stand	Flush Mount	Free-standing; ¼ - 20 pad on top & bottom	Wall: VESA 75 x 75mm; ¼ - 20 pad on top & bottom	Flush Mount
<b>HD Compatible</b>	Yes	No	Yes	Yes	Yes
<b>Anti Glare Coating</b>	Yes	Yes	Yes	Yes	Yes
<b>Case</b>	Durable ABS Plastic	Durable ABS Plastic	Rubberized Durable ABS Plastic	Durable Metal	Durable Metal
<b>Built-in Power Supply</b>	No	No	No	No	No
<b>IR Remote Control</b>	Yes	No	No	Yes	Yes
<b>Native Aspect Ratio</b>	16:9	16:9	4:3	4:3	4:3
<b>Visible Screen Size (WH)</b>	6" x 3.4" / 152.4 x 86.36mm	6" x 3.4" / 152.4 x 86.36mm	4.4" x 3.3" / 112.9 x 84.7mm	4.4" x 3.3" / 112.9 x 84.7mm	4.4" x 3.3" / 112.9 x 84.7mm
<b>Resolution</b>	800 x 480	800 x 480	640 x 480 (displays up to 1080i/p)	640 x 480 (displays up to 1080i/p)	640 x 480 (displays up to 1080i/p)
<b>Brightness Rating</b>	250 cd/m <sup>2</sup>	220 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>
<b>Contrast Ratio</b>	500:1	200:1	500:1	500:1	500:1
<b>Back Light</b>	LED (20K)	LED (10K)	LED (20K)	LED (20K)	LED (20K)
<b>PC Compatibility</b>	Yes	No	Yes	Yes	Yes
<b>Dot Pitch</b>	0.0642(H) x 0.1790(V) mm	0.321(H) x 0.372(V) mm	0.053(H) x 0.159(V)mm	0.059(H) x 0.176(V)mm	0.059(H) x 0.176(V)mm
<b>Color Depth</b>	1.2 million	16.7 million	262,144	262,144	262,144
<b>Response Time</b>	25ms (Rising/Falling)	25ms Rising / 15ms Falling	10ms/15ms (Rising/Falling)	10ms/15ms (Rising/Falling)	10ms/15ms (Rising/Falling)
<b>Audio Power / Speakers</b>	2 Speakers x 1.5 Watts	No	2 Watts	No	No
<b>Viewing Angle (L/R/T/B)</b>	70/70/50/70 degrees	45/45/20/45 degrees	70/70/50/70 degrees	70/70/50/70 degrees	70/70/50/70 degrees
<b>Digital Signal Processing</b>	No	No	No	No	No
<b>Removable Desk Stand</b>	Yes	N/A	No	No	No
<b>Dimensions w/ Deskstand</b>		N/A	N/A	N/A	N/A
<b>Dimensions w/o Deskstand</b>	6.9" x 5.3" x 1.4" / 174 x 134 x 35mm	6.9" x 4.3" x 1.2" / 174 x 109.2 x 30.5mm	6.2" x 5.1" x 1.7" / 158 x 130 x 42mm	5.3" x 5.2" x 0.8" / 134 x 132.6 x 21mm	6.85" x 6.89" x 0.89" / 174 x 175 x 22.5mm
<b>Operating Temp/Humidity</b>	-4 ~ 158°F / -20 ~ 70°C 10% ~ 90% humidity	32 ~ 140°F / 0 ~ 60°C	-4 ~ 140°F / -20 ~ 60°C 20% ~ 80% humidity	-4 ~ 140°F / -20 ~ 60°C 20% ~ 80% humidity	-4 ~ 140°F / -20 ~ 60°C 20% ~ 80% humidity
<b>Power Requirements</b>	10VDC ~ 27 VDC Input; 2A + pin; Negative Ground	10VDC ~ 27VDC Input; 2A + pin; Negative Ground	12VDC / 630mA	12VDC / 630mA	12VDC / 630mA
<b>Power Consumption</b>	24 Watts (Max)	12 Watts (Max)	5 Watts (Max)	5 Watts	5 Watts
<b>HDMI / DVI / RS-232</b>	x1 / No / No / No	No / No / No / No	x1 / No / No / No	x1 / No / No / No	x1 / No / No / No
<b>VGA</b>	x1 15-pin D-sub Input	No	No	No	No
<b>Composite</b>	x1 RCA and x1 BNC Input on cable	x1 BNC Input; x1 BNC Output (per monitor)	x1 BNC Input; x1 BNC Output	x2 BNC Inputs	x2 BNC Inputs
<b>Component</b>	No	No	No	No	No
<b>S-Video</b>	No	No	No	No	No
<b>Audio</b>	x1 RCA Input on cable	No	x1 3.5mm Input; x1 3.5mm Output	x1 A/V Input; x1 Output	x1 A/V Input; x1 Output
<b>Power</b>	x1 2.1mm DC Input	x1 2.1mm DC Input	2.1mm DC Input (AC Adapter not included)	x1 2.1mm DC Input	x1 2.1mm DC Input
<b>Weight</b>	Net: 0.75 lbs / 0.34 kg; Gross: 2.85 lbs / 1.3 kg	Net: 0.75 lbs / 0.34 kg	Net: 0.88 lbs / 0.4 kg Gross: 1.6 lbs / 0.7 kg	Net: 0.88 lb / 0.4 kg Gross: 2 lbs / 0.9 kg	Net: 0.88 lbs / 0.4 kg; Gross: 1.96 lbs / 0.88 kg
<b>Additional Information</b>			Electromagnetic Shielded; Color Temperature: 5600K ~ 6500K (user adjustable); Auto Power On; Mir- ror Image; Auto Signal Resolution	Electromagnetic Shielded; Color Temperature: 5600K ~ 6500K (user adjustable); Auto Power On; Mir- ror Image; Auto Signal Resolution	Electromagnetic Shielded; Color Temperature: 5600K ~ 6500K (user adjustable); Auto Power On; Mir- ror Image; Auto Signal Resolution

## 5.6"



## 5"



## 5"



Model	LED-566HDM LX	LED-504HDMx3	LED-502V
<b>Mount</b>	Flush Mount; No Front Controls	Rack Mount (2RU)	Free-standing; ¼ - 20 pad on top & bottom
<b>HD Compatible</b>	Yes	Yes	Yes
<b>Anti Glare Coating</b>	Yes	Yes	Yes
<b>Case</b>	Durable Metal	Durable Metal	Rubberized Durable ABS Plastic
<b>Built-in Power Supply</b>	No	No	No
<b>IR Remote Control</b>	Yes	No	No
<b>Native Aspect Ratio</b>	4:3	16:9; switchable to 4:3	4:3
<b>Visible Screen Size (WH)</b>	4.4" x 3.3" / 112.9 x 84.7mm	4.25" x 2.55" / 108 x 64.8mm	4" x 3" / 101.57 x 76.18mm
<b>Resolution</b>	640 x 480 (displays up to 1080i/p)	800 x 480 (displays up to 1080i/p)	640 x 480 (displays up to 1080i/p)
<b>Brightness Rating</b>	350 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>
<b>Contrast Ratio</b>	500:1	500:1	500:1
<b>Back Light</b>	LED (20K)	LED (50K)	LED (15K)
<b>PC Compatibility</b>	Yes	Yes	No
<b>Dot Pitch</b>	0.059(H) x 0.176(V)mm	0.045mm x 0.135mm	0.053(H) x 0.159(V)mm
<b>Color Depth</b>	262,144	8 bit, 16.7 million colors	262,144
<b>Response Time</b>	10ms/15ms (Rising/Falling)	10ms/10ms (Rising/Falling)	10ms/15ms (Rising/Falling)
<b>Audio Power / Speakers</b>	No	2 watts	N/A
<b>Viewing Angle (L/R/T/B)</b>	70/70/50/70 degrees	70/70/50/70 degrees	70/70/50/70 degrees
<b>Digital Signal Processing</b>	No	3D Comb Filter	No
<b>Removable Desk Stand</b>	No	No	No
<b>Dimensions w/ Deskstand</b>	N/A	N/A	6.2" x 5.1" x 2.2" / 158 x 130 x 55mm w/ battery pack
<b>Dimensions w/o Deskstand</b>	6.85" x 6.89" x 0.89" / 174 x 175 x 22.5mm	19" x 3.46" x 1.34" / 482.6 x 88 x 34mm	6.2" x 5.1" x 1.7" / 158 x 130 x 42mm
<b>Operating Temp/Humidity</b>	-4 ~ 140°F / -20 ~ 60°C 20% ~ 80% humidity	-4 ~ 131°F / -20 ~ 55°C 20% ~ 80% humidity	-4 ~ 140°F / -20 ~ 60°C 20% ~ 80% humidity
<b>Power Requirements</b>	12VDC / 630mA	9VDC ~ 24VDC; 3A; Positive Pin; Negative Ground	12VDC (6 ~ 24V), <10mA
<b>Power Consumption</b>	5 Watts	<25 Watts	1.2 Watts
<b>HDMI / DVI / DisplayPort / RS-232</b>	x1 / No / No / No	x3 (x1 per monitor) / No / No / No	x1 / No / No / No
<b>VGA</b>	No	No	x1 8-pin mini-DIN Input
<b>Composite</b>	x2 BNC Inputs	x3 BNC Inputs; x3 Outputs (x1 per monitor)	x1 BNC Input; x1 RCA Input
<b>Component</b>	No	No	No
<b>S-Video</b>	No	No	No
<b>Audio</b>	x1 A/V Input; x1 Output	x3 3.5mm Inputs; x3 3.5mm Headphone Outputs (on front)	x1 3.5mm Input w/ RCA to 3.5mm cable; x1 3.5mm PC Output
<b>Power</b>	x1 2.1mm DC Input	x1 2.1mm DC Input	x1 2.1mm DC Input
<b>Weight</b>	Net: 0.88 lbs / 0.4 kg Gross: 1.6 lbs / 0.7 kg	Net: 3.46 lbs / 1.57 kg Gross: 6.6 lbs / 3 kg	Net: 0.88 lbs / 0.4 kg Gross: 1.6 lbs / 0.7 kg
<b>Additional Information</b>	Electromagnetic Shielded; Color Temperature: 5600K ~ 6500K (user adjustable); Auto Power On; Mir- ror Image; Auto Signal Resolution	Auto Power On; Image Flip - H, V, H/V Auto Signal Resolution Scaling; NTSC/PAL Auto-sensing	Electromagnetic Shielded; Color Temperature: 5600K ~ 6500K (user adjustable); Auto Power On; Mir- ror Image; Auto Signal Resolution

## 18.5" PC



## 7" Tester



## Video Wall Processor



Model	AIO-1850	LED-710-4KIP	VWP-4x4
<b>LCD Display</b>	18.5" with LED backlight	7" IPS Panel	N/A
<b>Resolution</b>	1366 x 768 (displays up to 1080i/p)	1280 x 800 (displays up to 2160i/p)	N/A
<b>CPU</b>	Intel Core i5 (2.32Ghz dual-core)	1.2GHz quad-core ; includes Android 5.1 OS; GPU: Mali 400	Intel Xeon E5-1620V3 3.5GHz Quad-Core (4 Cores / 8-Threads) 10MB Processor
<b>Memory</b>	8GB DDR3	1GB	16GB DDR4 2133MHz
<b>Storage</b>	128GB SSD	8GB Flash	256GB PRO 6GB/s SSD Drive; Extra SSD bay (hot swappable)
<b>Video Card(s)</b>	Intel HD Graphics 4000	Intel GMA 3150	Matrox Mura MPX-4/4 (I/O); Control Card: Matrox P690
<b>Wireless Connectivity</b>	Wi-Fi, 802.11 b/g/n	802.11 b/g/n; ability to create WiFi hotspot	Intel I210-AT 10 / 100 / 1000MB
<b>Wired Connectivity</b>	x1 RJ45 port	x1 RJ45 IP/LAN port; x1RJ45 PSE port - ethernet power test	x2 RJ45 port
<b>Control Input</b>	2-point, 5-wire Resistive Touchscreen; RS-232: x1 9-pin Input / Output	Projected Capacitive Touchscreen	Keyboard; Mouse
<b>USB Ports</b>	x2 USB 2.0 Inputs; x2 USB 3.0 Inputs	x1 port for 5V 2amp power only; does not transfer data	x8 USB 3.0
<b>Mobile Communication</b>	Not included	Not included	Not included
<b>SD Card Port</b>		Includes 8GB SD for storage; 32GB max	
<b>Dimensions</b>	17" x 10.5" x 2.6" / 444.5 x 266.7 x 66mm; 7RU	9.45" x 6" x 1.8" / 240 x 154 x 46mm	19" x 7" x 20.8" / 482.6 x 177.8 x 528.3mm
<b>Operating Temp/Humidity</b>	-4 ~ 140°F / -20 ~ 60°C 10% ~ 90% humidity	41 ~ 95°F / -10 ~ 50°C 3 ~ 90% humidity	
<b>Camera</b>	N/A	N/A	N/A
<b>Audio</b>	2 Speakers x 5 Watts; x1 3.5mm MIC Input; x1 3.5mm Output	x1 Input; x1 Output (for headphones)	x1 Line Input; x1 Mic Input; x1 Center Output; x1 Surround Output; x1 S/PDIF Output; x1 Line Output
<b>Power Consumption</b>		3.6 Watts (active); 10 milliwatts (Stand-by)	6.5 Watts
<b>Power</b>	12 VDC; 5A	12VDC 2amp; Battery: 7.4V 5400mAh Lithium Polymer battery	500 Watt, 80+ efficiency, high performance, low noise
<b>Weight</b>	Net: 9.85 lbs / 4.47 kg Gross: 13.5 lbs / 6.12 kg	Net: 1.4 lbs / 620g	Net: 24 lbs / 10.89 kg
<b>Additional Information</b>	Wall: VESA 100 x 100mm; Removable RackMount: 7RU  Screen: 450 cd/m <sup>2</sup> brightness; 1,000:1 contrast; 3D Comb Filter  HDM: x1 Output; VGA: x1 15-pin D-Sub Output	IP (ONVIF): x1 RJ45 Input; RTSP and ONVIF; CVBS (analog): x1 BNC Input; x1 BNC Output (looping); PTZ control / RS485 control (baud 600 -115,200bps) supporting over 30 protocols; HD Coaxial (BNC): x1 TVI/CVI/AHD Input (shared with CVBS); UTC control; HD-SDI/EX-SDI: x1 Input; supports 1080p 30fps (50/60Hz); HDMI: x1 v1.4 Input; x1 Output; supports 1080p; PoE: x1 48V Output; 24watts max power	Mount: Rack 4RU; Wall Mount option available; System Board: Gigabyte ATX server mother board with (4) PCI-E 3.0 x16; (2) PCI-E 2.0 x1; Video Wall Mgmt Software: VuWall 2; DVD+RW Recordable Drive; Windows Professional OS  Other models: VWP-8x8, VWP-12x12, and VWP-16x16

## Key

**4K/UHD** ..... 3840 x 2160 resolution; more detail than FHD

**CCFL**..... LCD monitor with cold cathode fluorescent backlight

**FHD**..... Full high definition, as characterized by 1080 horizontal lines of vertical resolution

**HD**..... High definition, will display a 1080p signal

**KIT** ..... Monitor + Tote Bag + AC Adaptor (when applicable) + rechargeable battery (when applicable)

**L**..... Flush mount kit

**LED** ..... LCD monitor with LED backlight

**M** ..... Metal case

**Nit**..... Measure of brightness (1 candle per square meter)

**R** ..... Rack mount kit

**RU**..... Rack Unit (occupying 1.75" of vertical space)

**T**..... Has TV tuner

**TLM** ..... TV in metal case for use behind the mirror

**TS**..... Touch screen

**Underscan** ..... Broadcast term meaning that 100% of the picture is viewable vs. overscan

**V** ..... Has either VGA or DVI computer input

**VESA** ..... Standard monitor mounting interface pattern

**VGA** ..... Has capability of receiving computer input

**X** ..... Has no front controls

## Glossary

### 3D Comb Filter

A digital signal processing (DSP) technology to reduce the video noise levels perceived as ‘graininess’ of a video image.

### Aspect Ratio:

The ratio of the width of the displayed image to its height. ‘Native’ screen ratio refers to the physical dimensions of the screen; however aspect ratios can often be adjusted by selecting different ratios in the menu. Typical screen ratios are 16:9 which is often considered a ‘widescreen’ or ‘high definition’ format and used for digital signals, and 4:3 which is a traditional ‘standard definition’ format often used for viewing analog video signals.

### Backlight:

The source of illumination used in LCD monitors and TVs which allows the image to be seen on the LCD panel. Backlights are typically located behind or on the sides of the LCD panel.

### Brightness:

The amount of light the backlight emits through the LCD panel. Measurement is determined by ‘Nit’ which is a unit of luminance equivalent to one candela per square meter (1cd/m<sup>2</sup>). The importance of brightness depends on the application. For outdoor viewing, sunlight visible LCD monitors start at 800 to 1,000 Nits and greater.

### Contrast:

The ratio of the luminance of the brightest color (white) to the darkest color (black) that the video monitor is capable of producing. ‘Static’ contrast is the luminosity ratio of color being produced simultaneously; typically a lower ratio like 500:1 is depicted. ‘Dynamic’ contrast is a theoretical luminosity ratio being produced over time (which is near impossible to replicate when viewing real-world video images); typically a higher ratio like 50,000:1 is depicted. Since there are many variables that affect contrast, it is difficult to compare unless you view multiple monitors at the same time.

### LEDs (Light-Emitting Diodes):

The current standard backlight source; replacing CCFL (Cold Cathode Fluorescent Lamps) as the previous standard. The benefit of an LED backlight is a brighter and more saturated image that consumes less power, and lasts longer than CCFL backlights.

### Native Resolution:

The physical number of distinct pixels that are displayed, typically presented as the number of pixels in width by the number of pixels in height (800 x 600). Full high-definition (FHD) resolution is 1920 x 1080 pixels. As display technology improves, smaller monitor sizes offer FHD native resolution. Although most of ToteVision’s smaller monitors do not have native FHD, they are capable of showing higher resolution video signals using upscaling technology.

**AC-1000**



**DC-12D**



**TB-565**



**MB-1**



**WM-302**



**Power Supplies**

- AC-1000 12VDC, 500mA power supply (A/C adaptor) for LCD-410/411/ 703HD/703HDA/703HDV
- AC-3000 12VDC, 2A power supply
- AC-5000 12VDC, 5A switching power supply
- DC-12D 12VDC dual output car cord for LCDs less than 10", 3A
- DC-1500 12VDC car cord

**Battery Packs**

- BP-563C Rechargeable 2200mAH battery pack
- BH-566 Battery back for LED-566HD, LED-502V
- BP-711-970 Sony Battery mount for LED-711-4K
- BP-711-LPE6 Cannon Battery mount for LED-711-4K

**SunShields and Tote Bags**

- TB-565 Tote bag w/ sunshield for LED-502V and LED-566HD
- TB-703 Tote bag w/ sunshield for LCD-709HD
- TB-700 Tote bag w/sunshield for LED-710-4KIP
- TB-1001 Tote bag w/ sunshield for MD-1001

**Cables**

LCD-\_\_\_CBL BNC/RCA cables. Order by model number

**Mounting Products and Accessories**

- CT-55 4 wheel utility cart for adding portability for 32" to 70" monitors
- MB-1 ABS UNC 1/4-20 desk stand for LED-502V/566HD/711/803
- MB-2 ABS desk stand for LED-803HD
- MB-72M Metal mounting bracket for unit with 1/4-20 mounting pad
- PLT-75-100 75 - 100mm VESA conversion plate
- WM-1 Wall mount bracket for 4" to 8.4" LCDs
- WM-32 Fixed VESA compliant wall mount bracket, 40 lb. limit
- WM-302 4-way VESA wall mount with swing arm, 22 lb. limit
- WM-3270AR 4-way wall mount for 32" to 70" monitors, 90 lb. limit
- WM-3742 Fixed wall mount for LED-4207UHD4K
- WMC-2343 Ceiling mount for 23"~46" with 100x100mm pattern
- WMC-2346 Ceiling mount for 23"~46" with 200x200mm pattern
- TVDS-VW765-LAND Full-featured wall mount for video wall panel



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