

























Summary

These MEGApix® IP cameras are NDAA compliant and deliver crystal-clear images at 5MP resolution and real-time 30fps. The vandal dome camera features a 2.8~12mm vari-focal lens with motorized zoom in an IP67-rated, IK10 impact-resistant housing. Added intelligence includes line crossing, perimeter intrusion, video tampering detection and object classification. All MEGApix cameras are ONVIF conformant, assuring their successful integration with any open platform solution on the market.

Features

- 5MP 1/2.7" image sensor at real-time 30fps
- 2.8~12mm vari-focal lens with motorized zoom and auto-focus
- True Wide Dynamic Range (WDR)
- Multiple codecs (H.265, H.264, MJPEG) with simultaneous dual-stream
- 164ft range Smart IR™
- · Object classification video analytics
- Line crossing video analytics
- Perimeter intrusion video analytics
- Video tampering with scene change detection video analytics
- Video tampering with video blur detection video analytics
- Video tampering with abnormal color detection video analytics
- Smart DNR[™] 3D digital noise reduction
- True day/night with mechanical IR cut filter
- Programmable privacy zones
- Auto gain control (AGC)
- Backlight compensation (BLC)
- De-Fog™ extreme weather image compensation
- Auto white balance (AWB)
- Motion detection
- Two-way audio with built-in microphone
- Micro SD/SDHC/SDXC class 10 card slot (card not included)
- Alarm sensor input
- Relay output
- Web server built-in
- PoE class 3 and DC12V
- · ONVIF conformant, profile S
- NDAA compliant
- IP67 dust-tight and waterproof to 3 feet
- IK 10-rated impact-resistant
- 5 year warranty

ODVIE

Mounting accessories (Optional)

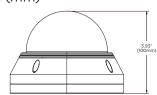


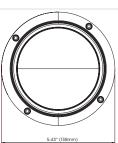




Dimensions

unit: Inch (mm)





Specifications

Image sensor SMP 1/2.7" CMOS Total pixels 2592 (H) x1944 (V) S/N ratio 2592 (H) x1944 (V) S/N ratio SOdB	•	
Total pixels 2592 (H) x1944 (V)	IMAGE	
Minimum scene illumination O.01 lux (color), 0.0 lux (B/W) S/N ratio SOdB Test monitor video output Local video output CVBS LENS Focal length 2.8 - 12mm, FL4 Lens type Vari-focal lens with motorized zoom and auto-fore field of view (FoV) 95.1° - 30° If Ristance 164ft range I/O Audio in / out 1 audio input and 1 microphone built-in/ 1 output Audio compression G.711A / U Alarm in / out 1 alarm input / 1 alarm output OPERATIONAL Shutter mode Auto, manual Shutter speed I/30s - 1/100000s Auto gain control Auto Day / night Auto, day (color), night (B/W), schedule Smart DNR" 3D digital noise reduction 3D DNR Wide dynamic range (WDR) dB 120dB Privacy zone Line crossing, perimeter intrusion, video tamperi detection (scene change, video blur, abnormal color detection), object classification (differentia humans from objects) Backlight compensation (BLC) Ves Mirror and flip Yes Alarm notifications Notifications via email or FTP server Memory slot Notifications via email or FTP server Memory slot Notifications via email or FTP server Mirror and flip Yes Alarm notifications Notifications via email or FTP server Memory slot Notifications via email or FTP server Mirror and flip Yes Mirror and flip Yes Mirror SD / SDHC / SDXC card up to 256GB (can not included) NETWORK LAN 802.3 compliance 10/100 LAN Video compression type H.265, H.264, MJPEG SMP, 2M, 3MP, 2.1MP/1080p, 720p (GHz. 1 - 30/95, 30 Hz. 1 - 50/95) Frame rate Up to 30/95 at all resolutions Video bitrate 64 Kbps - 8 Mbps Bitrate control Multi-streaming CBR/VBR at H.264/ H.265 Controllable frame rate and bandwidth) Streaming capability Dual-stream at different rates and resolutions I/P IPV4, IPV4, IPV6, DHCP, NTP, RTSP, RTP, RTP, RTP, RTP, RTP, RTP, RTP, RT		
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Focal length 2.8 - 12mm, Fl.4	Test monitor video output	Local video output CVBS
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humans from objects) Pe-Fog Pe-Fog Yes Mirror and flip Alarm notifications Notifications via email or FTP server Memory slot Nemory slot NETWORK LAN BO2.3 compliance 10/100 LAN Video compression type Resolution Frame rate Video bitrate Bitrate control Streaming capability Protocol Protocol Security NETWOR LAN BO2.3 compliance 10/100 LAN MIROMENTAL BOPPORE, DDNS, SMTP, FTP, SNMP, HTP, 80 UP, 19, 4P, 2K, 3MP, 2.IMP/1080p, 720p (60Hz: 1 - 30fps; 50Hz: 1-25fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) Wulti-streaming CBR/VBR at H.264/ H.265 (controllable frame rate and bandwidth) Streaming capability Dual-stream at different rates and resolutions UPP, IPV4, IPV6 UDP, IPV4, IPV6, DHCP, NTP, RTSP, RTP, RTCP, IC IGMP, PPPOE, DDNS, SMTP, FTP, SNMP, HTTP, 80 UPP, HTTPS, QoS Security IP filtering, MAC filtering, authentication (ID/PW), SSL/ ONVIF conformance Yes Web viewer Video management software ENVIRONMENTAL Operating temperature Operating temperature Operating humidity IP rating IR rating IK rating IK rating IK rating IK rating IK rating DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included) Power consumption MECHANICAL	Camera analytics	detection (scene change, video blur, abnormal
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Mirror and flip Alarm notifications Notifications via email or FTP server Memory slot Micro SD / SDHC / SDXC card up to 256GB (car not Included) NETWORK LAN 802.3 compliance 10/100 LAN Video compression type H.265, H.264, MJPEG 5MP, 4MP, 2K, 3MP, 2.IMP/1080p, 720p (60Hz: 1 - 30fps; 50Hz: 1-25fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) Frame rate Up to 30fps at all resolutions Video bitrate 64 Kbps - 8 Mbps Bitrate control Multi-streaming CBR/VBR at H.264/ H.265 (controllable frame rate and bandwidth) Streaming capability Dual-stream at different rates and resolutions IP IPv4, IPv6 UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, IC IGMP, PPPOE, DDNS, SMTP, FTP, SNMP,HTTP, 80 UPPR, HTTPs, QoS Security IP filtering, MAC filtering, authentication (ID/PW), SSL/ONVIF conformance Yes US: Windows* Browser: Internet Explorer Video management software DW Spectrum* IPVMS ENVIRONMENTAL Operating temperature -22°F - 140°F (-30°C - 60°C) Operating humidity IP rating IR rating IK rating IK10 impact-resistant Other certifications FCC, CE, ROHS, POE, ONVIF ELECTRICAL Power requirement DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included) Power consumption MECHANICAL	Backlight compensation (BLC)	Yes
Alarm notifications Memory slot Memory slot Micro SD / SDHC / SDXC card up to 256GB (carnot Included) NETWORK LAN 802.3 compliance 10/100 LAN Video compression type H.265, H.264, MJPEG 5MP, 4MP, 2K, 3MP, 2.1MP/1080p, 720p (60Hz: 1 - 30fps; 50Hz: 1-25fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) Frame rate Up to 30fps at all resolutions Video bitrate 64 Kbps - 8 Mbps Bitrate control Streaming capability Dual-stream at different rates and resolutions IP UPP, 4, IPV6 UDP, IPV4, IPV6, DHCP, NTP, RTSP, RTP, RTCP, IC IGMP, PPPOE, DDNS, SMTP, FTP, SNMP,HTTP, 80 UPP, HTTPs, QoS Security IP filtering, MAC filtering, authentication (ID/PW), SSL/ONVIF conformance Yes Web viewer Video management software ENVIRONMENTAL Operating temperature Operating temperature Operating humidity IP rating IK rating IK rating IK rating IK rating Other certifications FCC, CE, ROHS, POE, ONVIF ELECTRICAL Power consumption MECHANICAL	De-Fog	Yes
Memory slot NETWORK LAN 802.3 compliance 10/100 LAN Video compression type H.265, H.264, MJPEG SMP, 4MP, 2K, 3MP, 2.IMP/1080p, 720p (60Hz: 1 - 30fps; 50Hz: 1-25fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) Frame rate Up to 30fps at all resolutions Video bitrate 64 Kbps - 8 Mbps Bitrate control Multi-streaming CBR/VBR at H.264/ H.265 (controllable frame rate and bandwidth) Streaming capability Dual-stream at different rates and resolutions IP UPA, IPV6 UDP, IPV4, IPV6, DHCP, NTP, RTSP, RTCP, IC IGMP, PPPOE, DDNS, SMTP, FTP, SNMP,HTTP, 80 UPNP, HTTPS, QoS Security IP filtering, MAC filtering, authentication (ID/PW), SSL/ONVIF conformance Video management software ENVIRONMENTAL Operating temperature Operating temperature Operating temperature Operating limidity IP rating IK rating IK10 impact-resistant Other certifications FCC, CE, ROHS, POE, ONVIF ELECTRICAL Power consumption MECHANICAL	Mirror and flip	Yes
NETWORK LAN So2.3 compliance 10/100 LAN Video compression type H.265, H.264, MJPEG	Alarm notifications	
NETWORK LAN Video compression type H.265, H.264, M.JPEG SMP, 4MP, 2K, 3MP, 2.IMP/1080p, 720p (60Hz: 1 - 30fps; 50Hz: 1-25fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) Frame rate Up to 30fps at all resolutions Video bitrate 64 Kbps - 8 Mbps Bitrate control Multi-streaming CBR/VBR at H.264/ H.265 (controllable frame rate and bandwidth) Streaming capability Dual-stream at different rates and resolutions IP UPA, IPV6 UDP, IPV4, IPV6, DHCP, NTP, RTSP, RTCP, IC IGMP, PPP0E, DDNS, SMTP, FTP, SNMP,HTTP, 80 UPNP, HTTPS, QoS Security IP filtering, MAC filtering, authentication (ID/PW), SSL/ONVIF conformance Video management software ENVIRONMENTAL Operating temperature Operating temperature Operating temperature -22°F - 140°F (-30°C - 60°C) Operating limidity IP rating IK rating IK rating IK rating IK rating Other certifications FCC, CE, ROHS, POE, ONVIF ELECTRICAL Power consumption MECHANICAL	Memory slot	Micro SD / SDHC / SDXC card up to 256GB (card
LAN Video compression type H.265, H.264, MJPEG SMP, 4MP, 2K, 3MP, 2.IMP/1080p, 720p (60Hz: 1 - 30fps; 50Hz: 1-25fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) Frame rate Up to 30fps at all resolutions Video bitrate 64 Kbps - 8 Mbps Bitrate control Controllable frame rate and bandwidth) Streaming capability Dual-stream at different rates and resolutions IP UP, IPv4, IPv6 UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTCP, IC IGMP, PPDE, DDNS, SMTP, FTP, SNMP,HTTP, 80 UPNP, HTTPS, QoS Security IP filtering, MAC filtering, authentication (ID/PW), SSL/ONVIF conformance Ves Web viewer Video management software ENVIRONMENTAL Operating temperature Operating temperature Operating temperature Operating bumidity IP rating IK rating IK rating IK rating IK rating Other certifications FCC, CE, ROHS, POE, ONVIF ELECTRICAL Power consumption MECHANICAL	-	not included)
Video compression type H.265, H.264, MJPEG SMP, 4MP, 2tk, 3MP, 2:IMP/1080p, 720p (60Hz: 1 - 30fps; 50Hz: 1-25fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) HFR mode: 1080P / 720P (60Hz: 1 - 60fps; 50Hz: 1-50fps) HFR mode: 1080P / 720P HFR mode: 10		802 3 compliance 10/100 L AN
Resolution SMP, 4MP, 2K, 3MP, 2.1MP/1080p, 720p (60Hz: 1 - 30fps; 50Hz: 1-25fps)		
Frame rate Video bitrate Bitrate control Bitrate control Multi-streaming CBR/VBR at H.264/ H.265 (controllable frame rate and bandwidth) Streaming capability Dual-stream at different rates and resolutions IP IPV4, IPV6 UDP, IPV4, IPV6, DHCP, NTP, RTSP, RTP, RTCP, IC IGMP, PPDG, DDINS, SMTP, FTP, SNMP,HTTP, 80 UPPR, HTTPS, QoS Security IP filtering, MAC filtering, authentication (ID/PW), SSL/ONVIF conformance Yes Web viewer Video management software ENVIRONMENTAL Operating temperature Operating temperature Operating humidity IP rating IP67-rated IK rating IK rating Other certifications FCC, CE, ROHS, POE, ONVIF ELECTRICAL Power consumption MECHANICAL		EMD 4MD 31/ 7MD 31MD/1000p 730p
Video bitrate 64 Kbps - 8 Mbps Bitrate control Multi-streaming CBR/VBR at H.264/ H.265 (controllable frame rate and bandwidth) Streaming capability Dual-stream at different rates and resolutions IP IPv4, IPv6 Protocol UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, IC IGMP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, 80 UPnP, HTTPs, QoS Security IP filtering, MAC filtering, authentication (ID/PW), SSL/ONVIF conformance Web viewer OS: Windows* Browser: Internet Explorer Video management software DW Spectrum* IPVMS ENVIRONMENTAL Operating temperature Operating temperature -22°F - 140°F (-30°C - 60°C) Operating humidity 95% RH (non-condensing) IP rating IR10 impact-resistant Other certifications FCC, CE, ROHS, POE, ONVIF ELECTRICAL DOWer requirement DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included) Power consumption 9W	Frame rate	Up to 30fps at all resolutions
Bitrate control Multi-streaming CBR/VBR at H.264/ H.265 (controllable frame rate and bandwidth) Streaming capability IP IPv4, IPv6 UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, IC IGMP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, 80 UPnP, HTTPS, QoS Security IP filtering, MAC filtering, authentication (ID/PW), SSL/ONVIF conformance Ves Web viewer Sos: Windows* Browser: Internet Explorer Video management software ENVIRONMENTAL Operating temperature Operating temperature Operating humidity IP rating IP67-rated IK rating IK rating IK rating IK rating IK10 impact-resistant Other certifications ELECTRICAL Power requirement DW Spectrum* IPVMS EVIRONALE DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included) Power consumption MECHANICAL		· · · · · · · · · · · · · · · · · · ·
Controllable frame rate and bandwidth		
IP IPv4, IPv6 UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, IC IGMP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, 80 UPnP, HTTPs, QoS Security IP filtering, MAC filtering, authentication (ID/PW), SSL/ ONVIF conformance Yes Web viewer OS: Windows* Browser: Internet Explorer Video management software DW Spectrum* IPVMS ENVIRONMENTAL Operating temperature -22°F - 140°F (-30°C - 60°C) Operating humidity 95% RH (non-condensing) IP rating IP67-rated IK rating IK10 impact-resistant Other certifications FCC, CE, ROHS, POE, ONVIF ELECTRICAL Power requirement DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included) Power consumption 9W MECHANICAL	Bitrate control	
UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, IC IGMP, PPDGE, DDNS, SMTP, FTP, SNMP,HTTP, 80 UPnP, HTTPs, QoS Security IP filtering, MAC filtering, authentication (ID/PW), SSL/ONVIF conformance Yes Web viewer Video management software DW Spectrum* IPVMS ENVIRONMENTAL Operating temperature -22°F - 140°F (-30°C - 60°C) Operating humidity 95% RH (non-condensing) IP rating IP67-rated IK rating IK10 impact-resistant Other certifications FCC, CE, ROHS, POE, ONVIF ELECTRICAL Power requirement DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included) Power consumption 9W MECHANICAL	Streaming capability	Dual-stream at different rates and resolutions
Protocol IGMP, PPPOE, DDNS, SMTP, FTP, SNMP,HTTP, 80 UPnP, HTTPs, QoS Security IP filtering, MAC filtering, authentication (ID/PW), SSL/ ONVIF conformance Yes Web viewer Video management software ENVIRONMENTAL Operating temperature Operating temperature IP67-rated IK rating IK rating IK rating IK10 impact-resistant Other certifications ELECTRICAL Power requirement Power consumption MECHANICAL	IP	IPv4, IPv6
ONVIF conformance Web viewer Web viewer Video management software ENVIRONMENTAL Operating temperature Operating humidity IP67-rated IK rating IK10 impact-resistant Other certifications ELECTRICAL Power requirement DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included) PW Web viewer OS: Windows* Browser: Internet Explorer DW Spectrum* IPVMS ENVIRONMENTAL -22°F - 140°F (-30°C - 60°C) 95% RH (non-condensing) IP67-rated IK10 impact-resistant Other certifications FCC, CE, ROHS, POE, ONVIF ELECTRICAL Power requirement DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included) Power consumption MECHANICAL	Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, ICMP, IGMP, PPPOE, DDNS, SMTP, FTP, SNMP,HTTP, 802.1x, UPnP, HTTPs, QoS
Web viewer OS: Windows* Browser: Internet Explorer Video management software ENVIRONMENTAL Operating temperature Operating humidity Operating lipfor-rated IK rating IK rating IK rating IK rating IK retrifications ELECTRICAL Power requirement Power consumption OS: Windows* DW Spectrum* IPVMS P-30°C - 60°C) Operating humidity 95% RH (non-condensing) IP 67-rated IK 10 impact-resistant Other certifications FCC, CE, ROHS, POE, ONVIF ELECTRICAL OC 12V, POE IEEE 802.3af Class 3. (Adapter not included) OPOWER CONSUMPTION OF THE PROPERTY OF THE	Security	IP filtering, MAC filtering, authentication (ID/PW), SSL/TSL
Web Viewer Video management software ENVIRONMENTAL Operating temperature Operating humidity IP rating IR rating IK rating Other certifications ELECTRICAL Power requirement Power consumption MECHANICAL DW Spectrum* IPVMS DW Spectrum* IPVMS DW Spectrum* IPVMS ENVIRONMENTAL ENVIRONMENTAL ENVIRONMENTAL DW Spectrum* IPVMS ENVIRONMENTAL EN	ONVIF conformance	Yes
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ENVIRONMENTAL Operating temperature Operating humidity IP rating IP67-rated IK rating IK10 impact-resistant Other certifications ELECTRICAL Power requirement Power consumption DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included) PW MECHANICAL	vveb viewei	Browser: Internet Explorer
Operating humidity 95% RH (non-condensing) IP rating IP67-rated IK rating IK10 impact-resistant Other certifications FCC, CE, ROHS, POE, ONVIF ELECTRICAL Power requirement DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included) Power consumption 9W MECHANICAL		DW Spectrum* IPVMS
Operating humidity 95% RH (non-condensing) IP rating IP67-rated IK rating IK10 impact-resistant Other certifications FCC, CE, ROHS, POE, ONVIF ELECTRICAL Power requirement DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included) Power consumption 9W MECHANICAL	Operating temperature	-22°F ~ 140°F (-30°C ~ 60°C)
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Other certifications FCC, CE, ROHS, POE, ONVIF ELECTRICAL Power requirement DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included) Power consumption 9W MECHANICAL	IP rating	IP67-rated
ELECTRICAL Power requirement DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included) Power consumption 9W MECHANICAL	IK rating	IK10 impact-resistant
Power requirement DC 12V, PoE IEEE 802.3af Class 3. (Adapter not included) Power consumption 9W MECHANICAL 9W		FCC, CE, ROHS, POE, ONVIF
Power requirement (Adapter not included) Power consumption 9W MECHANICAL	ELECTRICAL	
MECHANICAL	· · · · · · · · · · · · · · · · · · ·	(Adapter not included)
		9W
Material Metal Vandal housing, polycarbonate dome		Makal repolet harrainer pal result as a transfer
Dimensions 5.43" x 3.93" (138 x 100 mm) Weight 1.98 lb (0.9 kg)		
Weight 1.98 lb (0.9 kg) Warranty 5 year warranty		
yvariancy 3 year warrancy	vvaridity	J year warrancy

