HIKVISION®

EKT-SSD424
2 MP ColorVu TurboHD Kits with SSD DVR

2MP 4-ch eDVR DS-E04HQHI-B

- Records up to Four 2MP Turbo Cameras
- Supports an additional 6MP IP Camera
- Supports H.265+
- Build-in eSSD 512 GB (480 GB available)

2MP TurboHD ColorVu TURRET CAMERAS (4) DS-2CE70DF0T-MF(2.8mm)

- 2MP (1920 x 1080)
- 2.8mm
- 24/7 color imaging with F1.0 aperture
- Water and dust resistant (IP67)
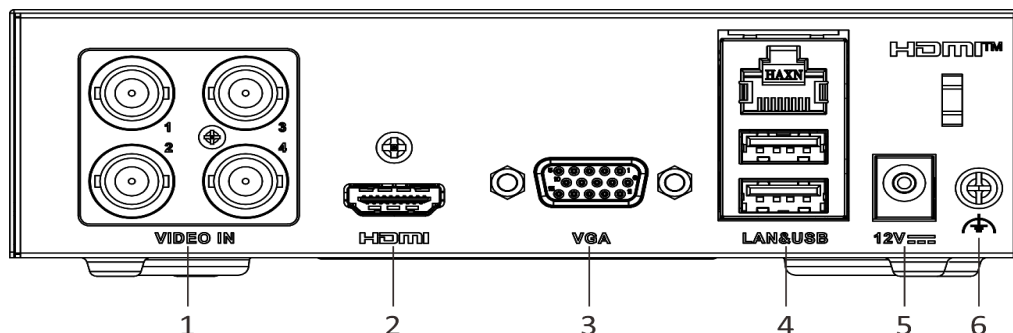- Operates in -40° F to 140° F (-40° C to 60° C)

▪ **Available Model**
   EKT-SSD424

· DVR Specification

Motion Detection 2.0	
Human/Vehicle Analysis	Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights; Quick search by object or event type is supported;
Recording	
Video Compression	H.265 Pro/H.265
Encoding Resolution	4 MP Lite/1080p/720p/WD1/4CIF/QVGA/CIF
Frame Rate	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP Lite@15 fps; 1080p Lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP Lite@15 fps; 1080p Lite/720p Lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N)
Video Bitrate	According to the actual scene, scene-adaptive bitrate control technology would automatically allocates appropriate bitrate to ensure the stability of recording period.
Stream Type	Video, Video & Audio Note: In order to protect privacy, the device will only record video (without audio) by default. If you want to record audio, you shall manually enable audio recording. For operation details, refer to the user manual.
Audio Compression	G.711u
Audio Bitrate	64 Kbps
Video and Audio	
IP Video Input	1-ch Up to 6 MP resolution Support H.265+/H.265 IP cameras
Analog Video Input	4-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HDTVI Input	4 MP/30, 4 MP/25, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25
AHD Input	4 MP/30, 4 MP/25, 1080p/30, 1080p/25, 720p/30, 720p/25
HDCVI Input	4 MP/30, 4 MP/25, 1080p/30, 1080p/25, 720p/30, 720p/25
CVBS Input	Support

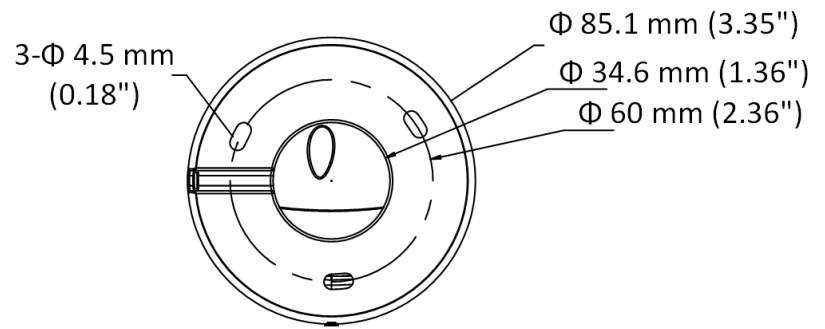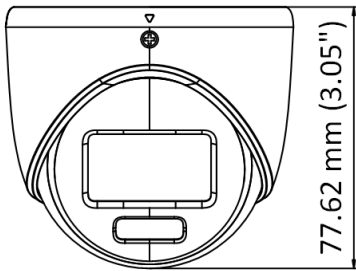| HDMI Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz
VGA Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz
Video Output Mode	HDMI/VGA simultaneous output
Audio Input	4-ch via coaxial cable
Audio Output	1-ch via HDMI
Synchronous playback	4-ch
Network	
Total Bandwidth	72 Mbps Incoming bandwidth: 1 Mbps
Remote Connection	32
Network Protocol	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, UPnP™, HTTPS
Network Interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface
Auxiliary Interface	
Capacity	Built-in 480 GB eSSD Note: The device can store about 2 weeks videos for 4-ch analog cameras (default parameters), this estimation is for reference only
USB Interface	Rear panel: 2 × USB 2.0
Alarm In/Out	N/A
General	
Power Supply	12 VDC, 1 A
Consumption	≤ 5.4 W (with eSSD)
Working Temperature	-10 °C to 45 °C (14 °F to 113 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	151 × 121× 46 mm (5.94 × 4.76 × 1.81 inch)
Weight	≤ 0.5 kg (with eSSD, 1.1 lb.)

Physical Interface

No.	Description	No.	Description
1	Video and coaxial audio in	4	LAN network interface and USB interface
2	HDMI interface	5	Power supply
3	VGA interface	6	GND

▪ Camera Specification

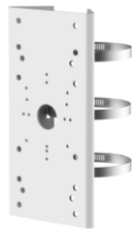| Camera	
Image Sensor	2 MP CMOS
Signal System	PAL/NTSC
Resolution	1920 (H) × 1080 (V)
Frame Rate	TVI: 1080p@25fps/30fps CVI: 1080p@25fps/30fps AHD: 1080p@25fps/30fps CVBS: PAL/NTSC
Min. Illumination	0.001 Lux @ (F1.0, AGC ON), 0 Lux with white light
Shutter Time	PAL: 1/25 s to 1/50,000 s;NTSC: 1/30 s to 1/50,000 s
Lens	2.8 mm, 3.6 mm, 6 mm Fixed Lens
Field of View	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 58°
Lens Mount	M12
Light Alarm	Solid Light Alarm (White Light)
WDR (Wide Dynamic Range)	Digital WDR
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°
Menu	
White Light	Auto/Off
Image Mode	STD/HIGH-SAT/HIGHLIGHT
AGC	Yes
Day/Night Mode	Color
White Balance	Auto/Manual
AE (Auto Exposure) Mode	DWDR, BLC, HLC, Global
Noise Reduction	3D DNR/2D DNR
Language	English
Function	Brightness, Mirror, Sharpness, Anti-Banding, Smart Light
Interface	
Video Output	Switchable TVI/AHD/CVI/CVBS
General	
Operating Conditions	-40°C to 60°C (-40°F to140°F), Humidity: 90% or less (non-condensing)
Power Supply	12 VDC ± 25% *You are recommended to use one power adapter to supply the power for one camera.*
Consumption	Max. 2.4 W
Protection Level	IP67
Material	Metal
White Light Range	Up to 20 m
Communication	HIKVISION-C
Dimension	Φ 85.1 mm × 77.62 mm (Φ 3.35" × 3.05")
Weight	Approx. 320 g (0.71 lb)

▪ **Dimension**

77.62 mm (3.05")

3-Φ 4.5 mm (0.18")

Φ 85.1 mm (3.35")
Φ 34.6 mm (1.36")
Φ 60 mm (2.36")

▪ **Accessory**

| WMS+PC110T | PM | CM | CBXS |

HIKVISION

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