

5MP, DWDR, IR TURRET DOME / 8ch, 8 PoE, 4K Resolution, H.265 NVR, 2TB



CAMERA / NVR KIT

KNR8UT4

- > Kit Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > Includes 8ch network recorder with H.265 Compression for Best-in-Class Recording and Storage Capability
 - o Supports 1 SATA HDD up to 8TB and has Embedded PoE Switch for all Video Channels
 - o Supports recording of up to 8MP (3840 x 2160) Resolution
 - o HDMI Display Output up to 4K(8MP) Resolution
 - o Concurrent Mirrored Display on HDMI and VGA Monitor Outputs
 - o Supports Cloud Upgrade for NVR and Cameras, with Automatic Detection of Latest Firmware and Upgrades, and is ONVIF Profile S Compliant
 - o Supported by uniview tec Guard Station Client Software as well as Guard Live and Guard Viewer Mobile App's for iPhone and Android Devices
- > Includes 4 x IPT5U28X
 - o Exceptional Video Quality with 5MP, 2592 x 1944 Resolution
 - o Powerful, Smart IR LED Lights for 0Lux Night Time Operation up to 98 Feet
 - o 2.8mm fixed lens
 - o Built-in Microphone, Backlight Compensation, 2D/3D DNR (Digital Noise Reduction); ONVIF Profile Series Compliant

Uniview Technology / 850 Freeport Pkwy, Ste. 100, Coppell, TX 75019

Toll Free: 888-288-7644 / Main 972-459-8645 / Fax 972-459-8661

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Specifications

Video & Audio Inputs	
IP Video Input	8-ch
Audio Input	1-ch, RCA
Video & Audio Outputs	
VGA Output	1920 x 1080p / 60Hz, 1920 x 1080p / 50Hz, 1600 x 1200 / 60Hz, 1280 x 1024 / 60Hz, 1280 x 720 / 60Hz, 1024 x 768 / 60Hz
HDMI Output	3840 x 2160 / 30Hz, 1920 x 1080p / 60Hz, 1920 x 1080p / 50Hz, 1600 x 1200 / 60Hz, 1280 x 1024 / 60Hz, 1280 x 720 / 60Hz, 1024 x 768 / 60Hz
Audio Output	1-ch, RCA
Audio Compression	G.711A, G.711U
Synchronous Playback	8
Live view display	1 / 4 / 6 / 8 / 9
Network	
Incoming Bandwidth	50Mbps
Outgoing Bandwidth	40Mbps
Remote Users	128
Protocols	TCP/IP; P2P; UPnP; DHCP; HTTP; HTTPS; DNS; DDNS; SMTP; RTSP; IPv4
Supported Browsers	IE(IE10/11) for Windows; Firefox (version 52.0 and above) for Windows; Chrome(version 45 and above) for Windows; Edge(version 79 and above) for Windows
Decoding	
Decoding format	H.265 / H.264
Live view/Playback	8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF
Capability	1 x 4K@30, 2 x 6MP@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25, 4 x 1080P@30
Hard Disk Drives	
SATA	1 SATA Interface
Capacity	Up to 8TB
Smart Features	
VCA Detection by Camera	Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, UMD(Ultra Motion Detection)
VCA Search	Behavior Search
Smart Intrusion Prevention (SIP), UMD by Camera	4-ch
External Interface	
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface
USB Interface	Rear panel: 2 x USB2.0

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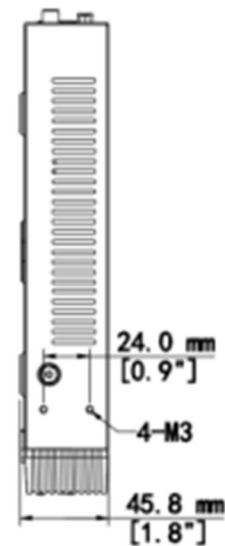
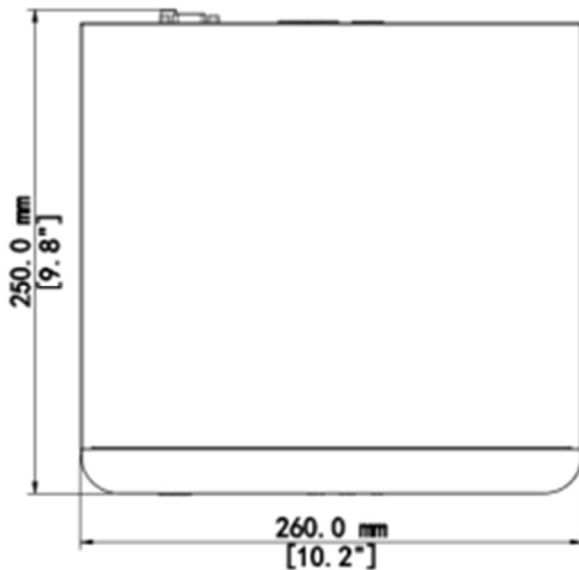
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PoE	
Interface	8 x RJ-45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port Max 75W in total
Supported Standard	IEEE 802.3af/at
General	
Power Supply	52V DC / 1.8A; Power Consumption: ≤ 10W (without HDD)
Working Environment	-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH(non-condensing)
Dimensions (W × D × H)	260 × 243 × 46mm (10.2 × 9.6 × 1.8")
Weight (without HDD)	≤ 1.2Kg (2.65lb)
General	
Certifications	FCC, CE (UL – Power Supply only)

Accessories

6 ft Cat5
6 ft HDMI

Dimensions



Camera				
Sensor	5 MP 1/3.0' CMOS			
Minimum illumination	Color: 0.01 lux (F2.0, AGC ON); 0 Lux with IR			
Day / Night	IR-cut filter with auto switch (ICR)			
Shutter	Auto / Manual, 1 ~ 1/100000s			
Adjustment angle (3-way Axis)	Pan: 0° ~ 360°; Tilt: 0° ~ 80°; Rotate: 0° ~ 360°			
WDR	DWDR			
S/N	>52dB			
Lens				
Lens	2.8 mm			
Iris	F2.0			
Field of View (H)	94.3°			
Field of View (V)	52.2°			
Field of View (O)	99.6°			
DORI				
DORI Distance	Detect	Observe	Recognize	Identify
	63.0m (206.7ft)	25.2m (82.7ft)	12.6m (41.3ft)	6.3m (20.7ft)
Illuminator				
IR Illumination Distance	30 m (98.4 ft)			
IR On / Off Control	Auto / Manual			
Wavelength	850nm			
Video				
Video Compression	Ultra 265, H.265, H.264			
H.264 code profile	Baseline profile, Main profile, High profile			
Frame Rate	Main Stream: 5MP (2592*1944), Max 20fps; 4MP (2560*1440), Max 20fps; 3MP (2304*1296), Max 20fps; 2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps Sub Stream: 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps			
Video Bit Rate	128 Kbps to 6144 kbps			
U-code	Supported			
OSD	Up to 4 OSDs			
Privacy Mask	Up to 4 areas			
ROI	Support			
Video Stream	Dual streams			

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Image	
White Balance	Auto / Outdoor / Fine Tune / Sodium Lamp / Locked / Auto2
Digital Noise Reduction	2D / 3D DNR
Smart Illumination	Supported
Flip	Normal; Flip Vertical; Flip Horizontal; 180°
Dewarping	N/A
HLC	Supported
BLC	Supported
Defog	Digital Defog
Events	
Basic Detection	Human body detection 2.0, Motion detection, Audio detection
General Function	Watermark; IP Address Filtering; Alarm input; Alarm output; Access Policy; ARP Protection; RTSP Authentication; User Authentication; HTTP Authentication
Audio	
Audio Compression	G.711U;G.711A
Audio Bitrate	64 Kbps
Suppression	Support
Sampling Rate	8KHZ
Storage	
Edge Storage	N/A
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, QoS, SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile T) , API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	Guard Station, Guard Live, Guard Viewer
Web Browser	Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+, Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+
Interface	
Built-in Microphone	Supported
Network	1 * RJ45 10M/100M Base-TX Ethernet

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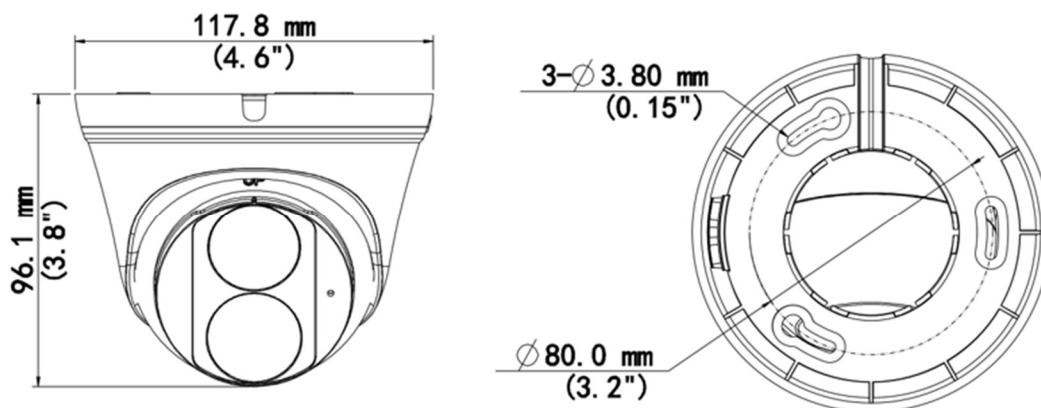
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Conformity Certifications	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035), FCC (FCC 47 CFR part15 B)
Safety	CE LVD (EN 62368-1); UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU)
Protection	IP67 (IEC 60529)
General	
Power	DC 12V $\pm$ 25%, PoE (IEEE 802.3af). Max: 3.9 W
Power Interface	$\varnothing$ 5.5mm coaxial power plug
Dimensions ($\varnothing \times H$)	$\varnothing$ 118 x 95mm ($\varnothing$ 4.6" x 3.8") ($\varnothing \times H$)
Weight	0.25kg (0.55lb)
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: $\leq$ 95% RH (non-condensing)
Surge Protection	4KV
Reset Button	N/A

Dimensions



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