

4MP TURRET CAMERA / 8CH, 8 PoE NVR KIT



CAMERA / NVR KIT

KNR82T64

- > Kit Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > Includes 8ch network recorder NR081XP, 1 SATA HDD and Embedded PoE Switch
 - Concurrent Mirrored Display on HDMI and VGA Monitor Outputs
 - Supports Cloud Upgrade for NVR and Cameras, with Automatic Detection of Latest Firmware and Upgrades, and is ONVIF Profile S Compliant
 - Supported by uniview tec Guard Station Client Software and Guard Viewer Mobile App's for iPhone and Android Devices
- > Includes 6 x IPT4B28X Turret Cameras, 4MP, 2.8mm fixed lens, IR LED Lights
 - Dual Video Streams, True Day/Night, WDR, Defog, 3D DNR
 - Micro-SD Card slot, ONVIF Profile S, Built-In Microphone
 - Intrusion Detection Analytics, PoE & 12VDC Power Options
 - 3-Way Axis, IP67 Weather Resistant Housing, with optional mounts available

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Camera / NVR Kit

Specifications

Camera				
Sensor	1/2.9" 4MP, progressive scan CMOS			
Minimum illumination	Color: 0.01 lux (F2.0, AGC ON); 0 lux with IR on			
True 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° ~ 75°; Rotate: 0° ~ 360°			
WDR	120dB			
S/N	>52dB			
Lens				
Lens	2.8mm @ F2.0			
Iris	Fixed			
Field of View (H)	101.5°			
Field of View (V)	55.6°			
Field of View (O)	111.6°			
DORI				
DORI Distance	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	63	25.2	12.6	6.3
Illuminator				
IR Range	Up to 30m (98ft) IR range			
Wavelength	850nm			
IR On/Off Control	Auto/Manual			
Video				
Video Compression	Ultra 265, H.265, H.264, MJPEG			
H.264 code profile	Baseline profile, Main profile, High profile			
Frame Rate	Main Stream: 4MP (2560 x 1440), Max 30fps; 3MP (2304 x 1296), Max 30fps; 1080P (1920 x 1080), Max 30fps; 720P (1280 x 720), Max 30fps Sub Stream: D1 (720 x 576), Max 30fps; 640 x 360, Max 30fps; 2CIF (704 x 288), Max 30fps; CIF (352 x 288), Max 30fps			
Video Bit Rate	128 Kbps~16 Mbps			
OSD	Up to 4 OSDs			
Privacy Mask	Up to 4 areas			
ROI	Up to 8 areas			
Video Stream	Dual			
Image				
White Balance	Auto / Outdoor / Fine Tune / Sodium Lamp / Locked / Auto2			
Digital Noise Reduction	2D / 3D DNR			
Smart IR	Supported			

Camera / NVR Kit

Flip	Normal / Vertical / Horizontal / 180° / 90°Clockwise / 90°Anti-clockwise
HLC	Supported
BLC	Supported
Defog	Digital Defog
Intrusion Events	
Basic Detection	Motion detection, tampering alarm, audio detection
General Function	Watermark, IP address filtering, tampering alarm, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication
Storage	
Edge Storage	Micro SD, up to 128GB
Network Storage	ANR
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, QoS, SSL/TLS, SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
User/Host	Up to 32 users. 2 user levels: administrator and common user
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 Viewer
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above; Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
Interface	
Built-in Mic	Support
Network	1 * RJ45 10M/100M Base-TX Ethernet
General	
Power	DC 12V±25%, PoE (IEEE 802.3af); Power consumption: Max 4W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø × H)	Ø 118 x 96mm (Ø 4.6 x 3.8")
Weight	0.30kg (0.66lb)
Material	Metal + Plastic
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Conformity Certifications	IP67, CE, FCC

Camera / NVR Kit

NVR	
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	80Mbps
Outgoing Bandwidth	64Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP
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
Snapshot	
FTP/Schedule/Event Snapshot	4-ch snapshot, up to D1 resolution
Decoding	
Decoding format	Ultra 265 / H.265 / H.264
Live view/Playback	8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 960p / 720p / D1 / 2CIF / CIF
Capability	Ultra 265 / H.265: 4 x 4K @ 30, 6 x 5MP @ 30, 8 x 4MP @ 30, 10 x 3MP @ 30, 16 x 1080p @ 30 H.264: 2 x 4K @ 30, 4 x 5MP @ 30, 6 x 4MP @ 30, 8 x 3MP @ 30, 14 x 1080p @ 30
Hard Disk Drives	
SATA	1 SATA Interface
Capacity	Up to 8TB for each HDD
System Alarm	
General Alarm	Motion, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection

Camera / NVR Kit

Alert Alarm	IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal
Smart Features	
VCA Detection by Camera	Face Detection, Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, UMD(Ultra Motion Detection)
VCA Search	Face Search, Behavior Search, People Counting Report
People counting	People Flow Counting, Crowd Density Monitoring
Smart Intrusion Prevention (SIP), Face Detection, UMD by Camera	8-ch
External Interface	
Network Interface	1 RJ45 10M/100M/1000M self-adaptive Ethernet Interface
USB Interface	Rear panel: 1 x USB3.0, 1 x USB2.0
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)	205 × 212 × 46mm (8.1 × 8.3 × 1.8")
Weight (without HDD)	≤ 0.98Kg (2.16lb)
General	
Certifications	FCC, CE (UL – Power Supply only)

Accessories

4KTESTMON Multi-Function Video Test Monitor
See Camera Accessories Guide for Optional Mounts