

VIS-8CHTX4MP2WAY/2TB: 8 Channel NVR with 2 TB +(6) 4-Megapixel Turret Cameras NDAA Compliant
 (1) VN3A-8X8/2TB + (6) VIS-P4TXIR28NH-2WAY



VIS-P4TXIR28NH-2WAY

4 Megapixel Starlight IP Plug & Play, Outdoor Turret, Fixed Lens, IR or White Light, WDR, Built-in Mic + Speaker, SD Card Slot, PoE/12VDC

Features

- Smart Analytics-AI Human Body Detection
- 4 Megapixel Resolution
- Fixed Lens
- IR Range up to 98' or White Light up to 98'
- Starlight Illumination
- Ultra H.265, H.265, H.264, MJPEG Compression
- 30 FPS Recording and Live
- True WDR 120dB
- Micro SD Slot: Up to 128GB
- Audio Input: Built-in Mic
- Audio Output: Built-in Speaker
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Vision CMS
- Free MAC Client

Camera	VIS-P4TXIR28NH-2WAY				
Sensor	1/3", 4.0 megapixel, progressive scan, CMOS				
Minimum Illumination	Colour: 0.003Lux (F1.6, AGC ON) 0Lux with light				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Adjustment Angle	Pan: 0° to 360°, Tilt: 0° to 80°, Rotate: 0° to 360°				
S/N	>52dB				
WDR	120dB				
Lens					
Lens Type	2.8mm @1.6, Fixed-focal				
Lens Mount	M12				
Angle Of View (H)	112.9°				
Angle Of View (V)	59.1°				
Angle Of View (O)	121.2°				
DORI					
DORI Distance	Lens (mm)	Detect (ft)	Observe (m)	Recognize (m)	Identify (m)
	2.8	206.7 (63m)	82.7 (25.2m)	41.3 (12.6m)	20.7 (6.3m)
Illuminator					
IR Range	Up to 98ft (30m) IR range				
White Light Range	Up to 98ft (30m) white light range				
Wavelength	IR: 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 (2688*1520), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps;
Video Bit Rate	128 Kbps~16 Mbps
U-code	Supported
9:16 Corridor Mode	Supported
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Image Setting	Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser
Digital Noise Reduction	2D/3D DNR
Smart IR	Supported
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise
Dewarping	N/A
HLC	Supported
BLC	Supported
Defog	Digital Defog
Events	
Basic Detection	Cross line, intrusion(based on human body detection) motion detection, tampering alarm, audio detection
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication, HTTP authentication
Audio	
Audio Compression	G.711
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 128GB
Network Storage	ANR, NAS(NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, 802.1x, SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
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	InVid Vision (Mobile App), Vision Tools (IP Utility), InVid CMS
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+
Interface	
Network	1 * RJ45 10M/100M Base-TX Ethernet
Built-in Mic	Supported
Built-in Speaker	Supported
Audio Sensitivity	-32±3dB
Certification	
EMC	FCC: FCC Part 15
Safety	CE: EN 60950-1 UL: UL60950-1 IEC 60950-1
General	
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 8.0W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (L x W x H)	Φ118 x 96mm (Φ4.6" x 3.8")
Weight	0.30kg (0.66lb)
Material	Metal + Plastic
Working Environment	-22°F ~ 140°F (-30°C ~ 60°C), Humidity: ≤95% RH (non-condensing)
Storage Environment	-22°F ~ 140°F (-30°C ~ 60°C), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Reset Button	N/A
Ingress Protection	Ingress protection: IP67

Ordering Information

VIS-8CHTX4MP2WAY/2TB: 8 Channel NVR with 2 TB +(6) 4-Megapixel Turret



VN3A-8X8

8 Ch NVR with 8 Plug & Play Ports, 320 Mbps, 2 HD Bays, 4K, With Cloud Upgrade

Features

- 8 Plug & Play Ports for easy camera setup PoE (Power Over Ethernet) available on all ports
- Up to 12 Megapixel Resolution Recording
- 320 Mbs Bit Rate Input
- Supports up to 8 channel simultaneous playback
- Works with ONVIF or other supported IP cameras (Profile S/G/T)
- Local HDMI main monitor output with 4K Support
- Local VGA main monitor output up to 1080p
- P2P Vision Stream Connect for Networking
- Multiple video search options including Smart Search for quick retrieval of footage
- H.265/H.264 video compression
- Upgrade your recorder via the Cloud
- Smart Analytic Support/ 8CH SIP Max
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) to manage multiple units & sites from a single platform
- Free MAC client software to easily manage your system from your Apple computer

Model	VN3A-8X8
Video/Audio Input	
IP Video Input	8-ch
Two-way Audio Input	1-ch, RCA
Network	
Incoming Bandwidth	320Mbps
Outgoing Bandwidth	160Mbps
Remote Users	128 users or 1,024 channels
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS
Video/Audio Output	
HDMI/VGA Output (Independent)	VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI: 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Audio Output	1-ch, RCA

Ordering Information

VIS-8CHTX4MP2WAY/2TB: 8 Channel NVR with 2 TB +(6) 4-Megapixel Turret

Audio Compression	G.711A, G.711U
Synchronous Playback	8-ch
Liveview Display	1/4/6/8/9
Corridor Mode Screen	3/4/5/7/9
Snapshot	
FTP/Schedule/Event Snapshot	16-ch snapshot, up to 1080P resolution
Decoding	
Decoding format	Ultra 265, H.265, H.264
Live view/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 8 x 1080P@30
Hard Disk	
SATA	2 SATA interfaces
Capacity	up to 18TB WD & 20TB Seagate
Disk Group	Support
Smart	
VCA Detection by Camera	Face detection, Face comparison, Intrusion detection, Cross line detection, Enter area, Leave area, Defocus detection, Scene change detection, Auto tracking, Object Left Behind, Object Removed, Vehicle control
VCA Search	Face search, Face Comparison search, Behavior search, Vehicle search
People counting	People flow counting, Crowd density monitoring
Smart Intrusion Prevention (SIP), Face Detection, Face comparison, Vehicle Detection by Camera	Total 8-ch (True AI)
General Alarm	
General Alarm	Motion, Tampering, Human Body Detection, Video Loss, Input Alarm, Audio Detection
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal
External Interface	
Network Interface	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
USB Interface	Front panel: 2 x USB2.0 Rear panel: 1 x USB3.0
RS232	1
RS485	1
Alarm In	8-ch
Alarm Out	2-ch
PoE	
Interface	8 RJ-45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port Max 130W in total
Supported Standard	IEEE 802.3af/at
General	
Power Supply	100 ~ 240V AC Power Consumption: ≤ 15W (without HDD)
Working Environment	14°F ~ 131°F (-10°C ~ 55°C), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	15.0" × 12.4" × 2.1" (380mm × 315mm × 53mm)
Weight (without HDD)	≤ 5.73lb (2.6Kg)
Certification	
Certification	UL, CE, FCC, RoHS, WEEE