



## VIS-P20MULTI27135NH-AI

20 Megapixel IP Plug & Play, Outdoor Panoramic Camera, Manual Pan/Tilt Motorized Auto Focus Lens, True AI, Up to 164' IR Range, True WDR, Audio Input/Output, (2) Built-in Mic, SD Card Slot, 24VAC/24VDC/PoE++

### Features

- True AI Human & Vehicle Classification for Line Crossing & Intrusion Detection
- 20 Megapixel Resolution (4 x 5 Megapixel Lens)
- Manual Pan/Tilt Motorized Auto Focus Lens 2.7-13.5mm
- Starlight Illumination
- 30 FPS Recording and Live
- Ultra 265,H.265,H.264,MJPEG Compression
- True WDR 130dB
- Micro SD Slot: Up to 1TB
- Audio Input: (2) Built-in Mic
- Audio Output
- IP67 Weatherproof
- 24VAC/24VDC/PoE++
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC
- NDAA Compliant

Camera	VIS-P20MULTI27135NH-AI
Sensor	1/2.7" CMOS
Min. Illumination	Colour: 0.002 lux (F1.6, AGC ON) 0 lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment Angle	Pan: 0° ~ 360°, Tilt: 0° ~ 65°, Rotate: 0° ~ 355°
S/N	>56dB
Lens	
Focal Length	2.7-13.5mm
Iris	F1.2 * 4
Field of View (H)	(W)110.3°~(T)31°
Field of View (V)	(W)57.1°~(T)17.5°
Lens Type	5X
Field of View (D)	(W)130.2°~(T)67.4°
Iris Type	Fixed
DORI	
DORI Distance (Detect)	232.5 ~ 812.0 ft (70.9m~247.5m)
DORI Distance (Observe)	93.0 ~ 324.8 ft (28.4m~99.0m)
DORI Distance (Recognize)	46.5 ~ 162.4 ft (14.2m~49.5m)
DORI Distance (Identify)	23.3 ~ 81.2 ft (7.1m~24.8m)
Illuminator	
Illumination Distance (IR)	164.0 ft (50 m)
Wavelength	850 nm
IR On/Off Control	Auto/Manual
Image	
White Balance	Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal; Flip Vertical; Flip Horizontal; 180°; 90°Clockwise; 90°Anti-clockwise
Defog	Digital Defog
Intelligent	
Face Capture	Support
Smart Intrusion Prevention	Cross line detection, Intrusion detection, Enter area detection, Leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)
People Counting	Support People Flow Counting and Crowd Density Monitoring
Events	
Motion Detection	Support
Tampering Detection	Support
Audio Detection	Support
UMD (Ultra Motion Detection)	Support

Network	
Protocols	IPv4; IPv6; IGMP; ICMP; ARP; TCP; UDP; DHCP; PPPoE; RTP; RTSP; RTCP; RTMP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; SMTP; 802.1x; SNMP; QoS; SSL/TLS; SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M); 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/WSSSE and Digest Authentication for ONVIF
Client	InVid Vision (Mobile App), Vision Tools (IP Utility), InVid CMS
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
Storage	
Edge Storage	Micro SD, up to 1TB
Network Storage	ANR; NAS (NFS)
Video	
Video Compression	Ultra 265; H.265; H.264; MJPEG
H.264 Code Profile	Baseline profile, Main profile, High profile
Video Bit Rate	128 Kbps ~ 16 Mbps * 4Channel
U-code	Support
ROI	Up to 8
Video Stream	Triple streams Main Stream: 4MP (2880*1620), Max 30fps; 4MP (2688*1520), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
Frame Rate	
OSD	Up to 10 OSDs * 4 Channel
Privacy Mask	Up to 8 * 4Channel
Audio	
Audio Compression	G.711U; G.711A
Two-way Audio	Support
Sampling Rate	8 KHz
Suppression	Support
Interface	
Audio I/O	1 Input: impedance 1kΩ; amplitude 2.5V [p-p]; 1 Output: impedance 600Ω; amplitude 2.5V [p-p]
Alarm I/O	3/2
Built-in Mic	Support (Two)
Network	10M/100M/1000M Base-TX Ethernet
Other	
Corridor Mode	Support
Certification	
Protection	IP67 (IEC 60529), IK10 (IEC 62262)
General	
Power	DC 24V±25%, AC 24V±25%, PoE++ (IEEE802.3bt)
Built-in DC12V Output	Support
Power Consumption	Max 48.7W
Power Interface	Wires with cold-pressed terminal
Dimensions	Φ 12.52" x 5.38" (Φ 318 x 136.6 mm)(Φ x H)
Weight	10.52lb (4.77Kg)
Working Environment	-22 °F ~ 140 °F (-30 °C ~ 60 °C), Humidity: 5%~95% RH
Storage Environment	-40 °F ~ 158 °F (-40 °C ~ 70 °C), Humidity: 5%~95% RH
Surge Protection	6KV

### Ordering Information

VIS-P20MULTI27135NH-AI: 20 Megapixel Panoramic Camera

