



VUE Plus 8MP Panoramic Turret Camera VPLUS-7081-TDP



Benefits

- 190° wide-angle field of view
- Enable faster, more confident alarm verification with 8MP video and enhanced low-light visibility
- Onboard AlarmVision® capabilities allow camera communication to control panels
- Expand recurring revenue opportunities with advanced video services in the DMP ecosystem

Features

- Full-color imaging in ultra-low-light conditions
- 190° wide-angle splicing image
- 8MP resolution stitched output with two 5MP lenses
- Onboard AlarmVision capabilities
- Built-in microphone and speaker for two-way capabilities
- Advanced analytics include person and vehicle detection
- Red and blue deterrence lighting
- PoE and 12 VDC powered
- Built-in warm light and IR light distance up to 98.4 ft.
- Built-in SD card slot, up to 1 TB
- IP66 protection
- ONVIF and NDAA compliant

VUE Plus 8MP Panoramic Turret Camera

CAMERA

Image Sensor	Dual 1/2.8" Progressive Scan CMOS
Max. Resolution	8MP, 4224(H) × 1848(V)
Shutter Speed	Auto/Manual, 1/5 to 1/100,000s
Min. Illumination	Color: 0.01 Lux @ (F1.6,AGC ON) B/W: 0.001 Lux @ (F1.6,AGC ON), 0 Lux with light on
Day & Night	Auto (ICR)
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90° Rotation: 0° to 360°
Wide Dynamic Range	True WDR

LENS

Lens Type	Fixed-focal lens, Dual lens
Focal Length	2.4 mm
Max. Aperture	F1.6
Field of View (FOV)	H: 192.4°, V: 80.2°
Iris	Fixed Iris

ILLUMINATOR

Type	2 (IR LED), 2 (Warm Light)
IR wavelength	850 nm
Distance	IR distance up to 30 m (98.4 ft.) Warm light distance up to 20 m (65.6 ft.)
Control	IR mode, White mode, Intelligent mode, None

INTELLIGENT ANALYTICS

Multi-Object Detection	Supports human, vehicle detection and capture
Intelligent Analysis	Intrusion detection, smart motion detection, single line crossing, double line crossing and loitering

VIDEO & AUDIO

Number of Streams	3 Streams
Resolution	Splicing mode: • Stream1: 4224×1848, 3072×1760, 3072×1536, 2880×1440, 2560×1280, 2048×1024 • Stream2: 1920×832, 1536×576 • Stream3: 1920×832, 1280×560 Multi-channel mode: • Stream1: 2592×1944,2592×1520, 1920×1080,1280×720 • Stream2: D1, VGA, CIF, QVGA
Frame Rate	Up to 25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Splicing mode: • Stream1: 500 Kbps to 16 Mbps • Stream2: 100 Kbps to 8 Mbps • Stream3: 100 Kbps to 8 Mbps Multi-channel mode: • Stream1: 200 Kbps to 16 Mbps • Stream2: 100 Kbps to 6 Mbps
Smart Encoding	Supported
Audio Compression	G.711 A-law, G.711 μ-law, RAM PCM
Audio Bit Rate	64 Kbps (G.711), 128 Kbps (RAW_PCM)
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Scene Mode	Indoor, Outdoor
Exposure Mode	Auto, Manual, Shutter priority
White Balance	Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual
Day/Night Setting	Auto, Day, Night, Timer
Noise Reduction	2D/3D DNR
Image Enhancement	WDR, HLC, BLC, Defog
Wide Dynamic Range	True WDR (120dB)
Privacy Masking	4 areas

NETWORK

Protocols	IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast
Interoperability	ONVIF (Profile S/T/G/M), SDK, CGI
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Security	IP address filter, HTTPS, Illegal login lock, IEEE 802.1x

INTERFACE

Network Interface	1 Ethernet (100/1000 Base-T) RJ-45 Connector
Built-in Microphone	Supported
Built-in Speaker	Supported
Audio Interface	1ch Input, 1ch Output
Alarm Interface	1ch Input, 1ch Output
SD Card Slot	Built-in, up to 1 TB
Reset Button	Supported

GENERAL

Power Supply	12VDC (-15% to +25%) / PoE (802.3af)
Power Consumption	Typical: 4.2 W (12 VDC) / approx. 5.3 W (PoE) Max. (IR on + Red/Blue light + Speaker): 8.9 W (12VDC) / approx. 11.2 W (PoE)
Operating Temperature	-40°F to 140°F
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE-EMC - EN 55032, EN IEC 61000-6-4, EN IEC 61000-3-2, EN 61000-3-3, EN 55035, EN 50130-4 FCC 47 CFR Part 15 Subpart B
Material	Aluminum alloy body, Decoration ring: plastic
Dimensions	5.51" × 4.69"
Net Weight	2.05 lb

DORI DISTANCE (EN 62676-4 STANDARD)

Detect	173.9 ft.
Observe	69.6 ft.
Recognize	34.8 ft.
Identify	17.4 ft.

DORI (Detect, Observe, Recognize, and Identify) is a standard system (EN 62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances.

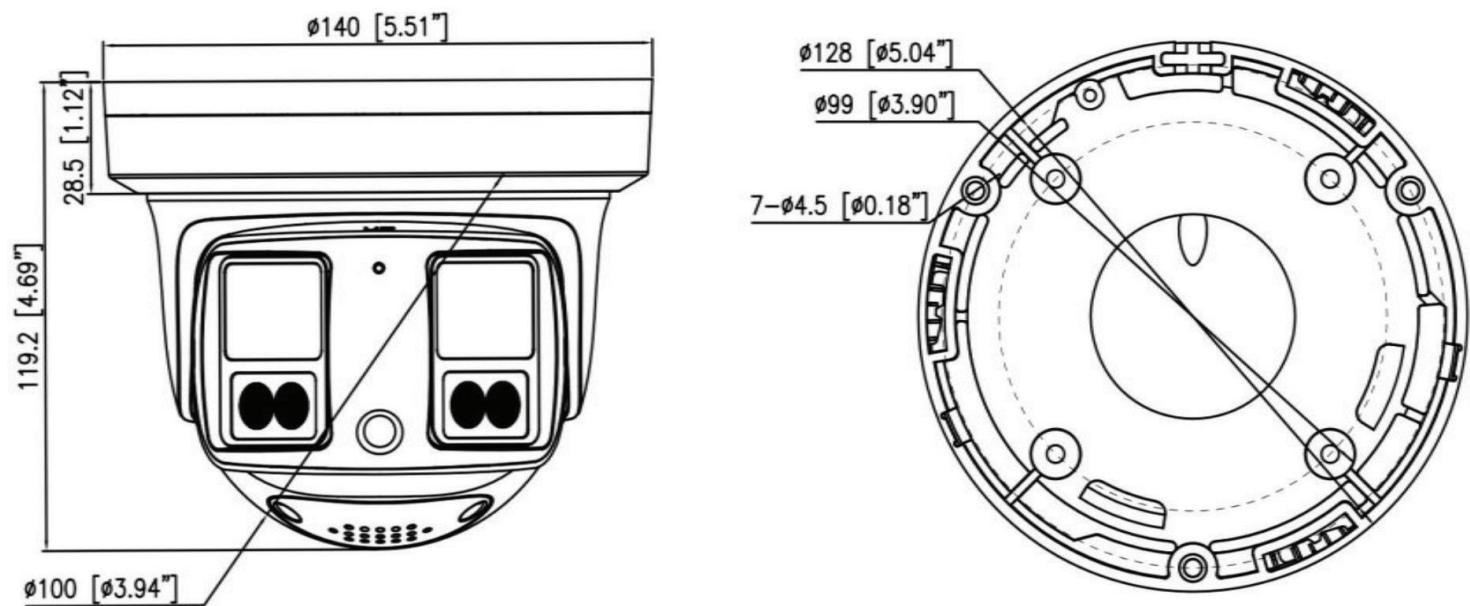
NDAA Section 889 Compliant: This product complies with Section 889 of the John S. McCain National Defense Authorization Act (NDAA) FY2019. The camera does not contain prohibited telecommunications or video surveillance equipment manufactured by Huawei, ZTE, Hytera, Hikvision, Dahua, or their subsidiaries or affiliates.

Download a digital copy today!



VUE Plus 8MP Panoramic Turret Camera

DIMENSIONS (MM)



ACCESSORIES

	V-70BX-02 Junction Box, Bullet	White wall or ceiling round junction box. Made of aluminum alloy and provides cable openings. Dimensions: 5.58" × 2.0"
	V-70CP-01 Camera Cap, Turret, 8MP	White mounting bracket for pendant applications. Made of aluminum alloy and provides cable openings. Dimensions: 5.71" × 2.87"
	V-70CM-01 Bracket, Corner Mount	White wall or ceiling corner mount bracket. Made of aluminum alloy and provides cable openings. Dimensions 5.13" × 1.81" × 6.69"
	V-70PE-01 Bracket, Ceiling Pendant Mount	White ceiling mounting bracket for pendant applications. Made of aluminum alloy and provides cable openings. Dimensions: 4.83" × 2.76"
	V-70PM-01 Bracket, Pole Mount	White mounting bracket for pole mount applications. Made of aluminum alloy and provides cable openings. Dimensions: 5.13" × 1.81" × 6.69"
	V-70WA-01 Bracket, Wall Mount	White wall mount arm. Made of aluminum alloy and provides opening for cables. Dimensions: 5.55" × 4.57" × 4.57"



DMP.com | 800-641-4282
2500 N. Partnership Blvd
Springfield, MO 65803

DMP terms and conditions are located at [DMP.com/Terms](https://dmp.com/terms)
© 2026 Digital Monitoring Products, Inc.
LT-3194 7/7/2026