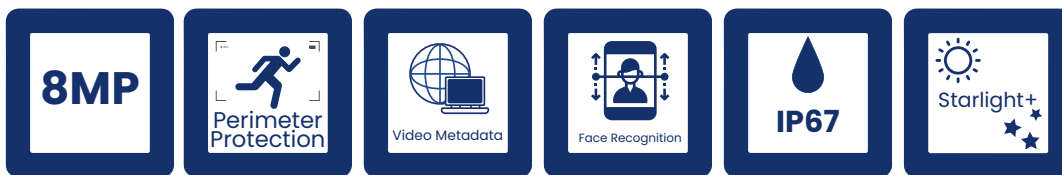




DN4KPTZ840XWM



Key Features



- 1/1.8" 8MP STARVIS™ CMOS
- Powerful 40x Optical Zoom
- Starlight Technology
- Perimeter Protection
- Metadata
- Face Detection
- Auto-Tracking
- Smart Wiper
- IP67



Specifications

Camera					DN4KPTZ840XWM				
Image Sensor		1/1.8" CMOS							
Pixel		8MP							
Max. Resolution		3840 (H) x 2160 (V)							
ROM		8GB							
RAM		2GB							
Electronic Shutter Speed		1/1 s ~ 1/30,000s							
Scanning System		Progressive							
Min. Illumination		Color: 0.005 Lux@F1.4 B/W: 0.0005 Lux@F1.4 0 Lux@F1.4 (Illuminator On)							
Illumination Distance		500m (1640.42ft)							
Illuminator On/Off Control		Zoom Prio, manual, Smart IR, Off							
Illuminator Number		10 IR Lights							
Wiper		Smart Wiper							
Lens									
Focal Length		5.6mm ~ 223mm							
Max. Aperture		F1.4 - F4.5							
Field of View		Horizontal: 63.9° ~ 2.0° Vertical: 37.3° ~ 1.1° Diagonal: 71.2° ~ 2.3°							
Optical Zoom		40x							
Focus Control		Auto, semi-auto, manual							
Close Focus Distance		0.5m ~ 2m (1.64ft ~ 6.56ft)							
Iris Control		Auto, manual							
DORI Distance	Detect	Observe		Recognize		Identify			
	4,400m (14,435.70ft)	1,740m (5,708.66ft)		880m (2,887.14ft)		440m (1,443.57ft)			

**PTZ**

Pan/Tilt Range	Pan: 0° to 360° Tilt: -15° ~ +90°, auto flip 180°
Manual Control Speed	Pan: 0.1°/s ~ 240°/s Tilt: 0.1°/s ~ 100°/s
Preset Speed	Pan: 240°/s Tilt: 120°/s
Preset	300
Tour	8 (up to 32 presets per tour)
Pattern	5
Scan	5
Speed Adjustment	Yes
Power-off Memory	Yes
Idle Motion	Preset, Tour, Pattern, Scan
PTZ Protocol	DH-SD Pelco-P/D (Auto recognition)

Smart Event

Event Trigger	Motion detection, video tampering, scene changing, network disconnection, IP address conflict, illegal access & storage anomaly
IVS	Object abandoned & missing

Intelligence

Video Metadata	Support human body, human face, motor vehicle & non-motor vehicle image capture & attributes extraction
IVS (Perimeter Protection)	Tripwire, intrusion, climbing fences, loitering detection, abandoned/missing object, fast moving, parking detection, people gathering, vehicle/human alarm classification
Face Recognition	Yes
Auto Tracking	Yes

Video

Video Compression	Smart H.265+, H.265, Smart H.264, H.264, MJPEG (Sub Stream 1)
-------------------	---



Streaming Capability	3 streams
Resolution	4K (3840 x 2160), 4M (2560 x 1440), 1080p (1920 x 1080), 1.3M (1280 x 960), 720p (1280 x 720), D1 (704 x 576), CIF (352 x 288)
Video Frame Rate	Main Stream: 4K, 4M, 1080p, 1.3M, 720p(1-25/30fps) Sub Stream 1: D1, CIF (1-25/30fps) Sub Stream 2: 1080p, 1.3M, 720p (1-25/30fps)
Bit Rate Control	CBR, VBR
Video Bit Rate	H264: 512 Kbps ~ 16384 Kbps H265: 256 Kbps ~ 10240
Day/Night	Auto (ICR), Color & B/W
BLC	Yes
HLC	Yes
WDR	120 dB
White Balance	Auto, indoor, outdoor, tracking, manual, sodium lamp, natural light & street lamp
Gain Control	Auto, manual
Noise Reduction	2D NR, 3D NR
Motion Detection	Yes
Region of Interest (ROI)	Yes
Defog	Optical
Digital Zoom	16x
Image Rotation	0°, 180°
Privacy Masking	Up to 24 areas can be set, with up to 8 areas in the same view
S/N Ratio	≥55dB
Audio	
Audio Compression	G.711A, G.711Mu, G.726, AAC, MPEG2-Layer2, G722.1, G.729, G.723
Network	
Network Port	RJ-45 (10, 100 Base-T)
Protocol	IPv4, IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP v1, v2c, v3 (MIB-2), DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE, ARP, RTCP, RTMP



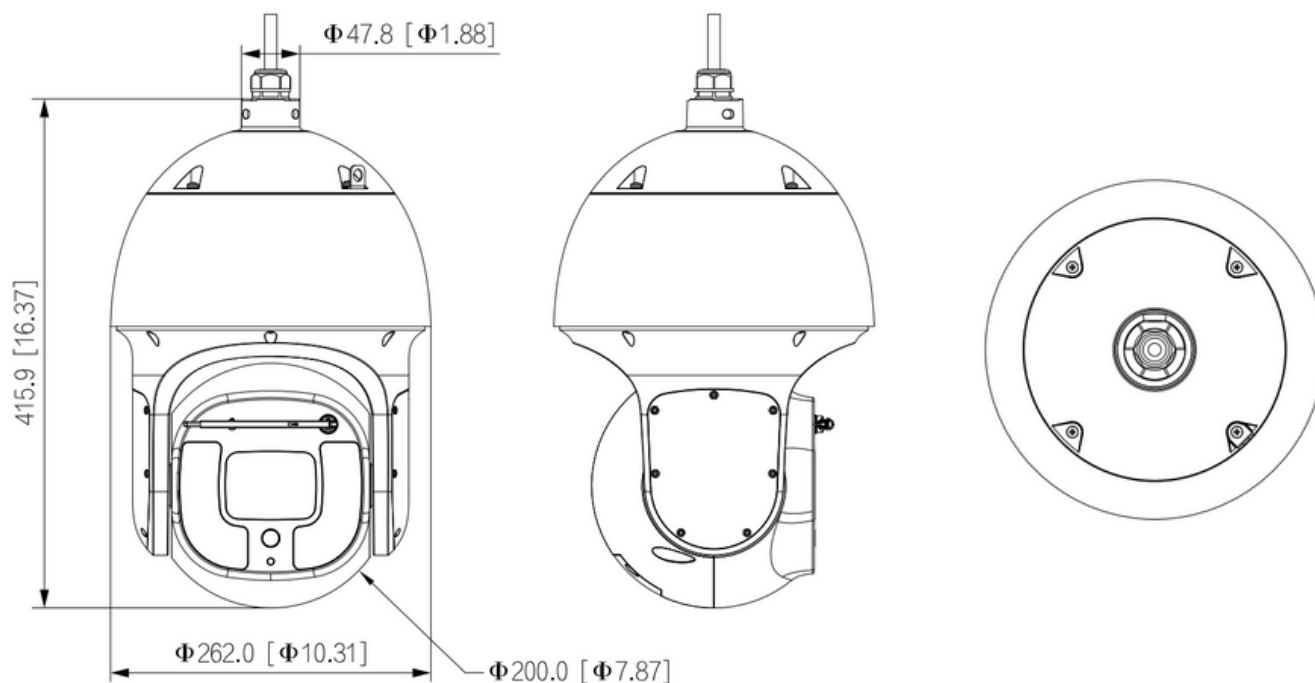
Interoperability	ONVIF (Profile S, Profile G, Profile T), CGI
Streaming Method	Unicast, Multicast
User/Host	20 (Total bandwidth: 64M)
Storage	FTP, Micro SD card (512GB)
Browser	IE7 & later versions, Chrome 42 & earlier versions, Firefox 52 & earlier versions & Safari
Management Software	Smart PSS, DSS, DMSS, Easy4ip, IVSS
Mobile Client	iOS & Android
Certification	
Certifications	CE: EN55032, EN55024, EN50130-4 FCC: Part15 subpartB, ANSI C63.4-2014
Port	
Analog Output	1 BNC
RS-485	1 (baud rate range: 1200 bps ~ 9600 bps)
Alarm I/O	7/2
Audio I/O	1/1
Power	
Power Supply	36 VDC, 2.23A (±25)%, Hi-PoE+
Power Consumption	Basic: 30W. Max.: 48W (Illuminator + PTZ working)
Environment	
Operating Temperature	-40°C ~ +70°C (-40°F ~ +158°F)
Operating Humidity	≤95%RH
Protection	IP67, TVS 6000 V lightning proof, surge protection, voltage transient protection
Structure	
Casing	Metal
Product Dimensions	415.6 mm × Φ26 2 mm (16.36" × Φ10.31")
Net Weight	10 kg (22.05lb)



Gross Weight

12 kg (26.46lb)

Dimensions



Accessories

Included:



PFB306W
Wall Mount Bracket

Optional:



PFA150
Pole Mount Bracket



PFA120
Junction Box



PFA151
Corner Mount Bracket



PFB710C
Ceiling Mount Bracket



PFB301S-E
Plane Mount Bracket