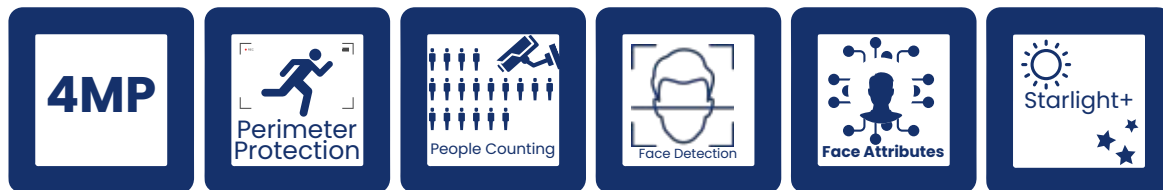




DNC4WMMZT



Key Features



- 4MP 1/1.8" CMOS image sensor, low illuminance & high image definition.
- Outputs max. 4MP (2688 x 1520)@30fps, 2MP(1920 x 1080)@60fps.
- Built-in IR LED max. IR distance: 40m.
- ROI, SVC, Smart H.264+, H.265+, Ai H.264, H.265, flexible coding applicable to various bandwidth & storage environments.
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes.
- Supports max. 256 G Micro SD card. built-in Mic.
- 12V DC/PoE power supply, ePoE network transmission over long distance, easy for installation.
- IP67 protection.
- SMD 3.0



Specifications

DNC4WMMZT					
Camera					
Image Sensor		1/1.8" CMOS			
Max. Resolution		2688 (H) x 1520 (V)			
ROM		128 MB			
RAM		1 GB			
Scanning System		Progressive			
Electronic Shutter Speed		Auto, manual 1/3 s - 1/100,000 s			
S/N Ratio		>56 dB			
Min. Illumination		0.003 Lux@F1.8 (Color, 30IRE) 0.0003 Lux@F1.8 (B/W, 30IRE) 0 Lux (Illuminator On)			
Illumination Distance		40m (131.2 ft) (IR LED)			
Illuminator On/Off Control		Auto, manual			
Illuminator Number		2 (IR LED)			
Angle Adjustment		Pan: 0° - 360° Tilt: 0° - 78° Rotation: 0° - 360°			
Lens					
Lens Type		Motorized Vari-Focal			
Lens Mount		φ14			
Focal Length		2.7mm, 12 mm			
Max. Aperture		F1.8			
Field of View		Horizontal: 114° - 47° Vertical: 62° - 26° Diagonal: 136° - 54°			
Close Focus Distance		1.2m (3.9 ft)			
Iris Control		Auto			
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	58m (190.3 ft)	23m (75.5 ft)	12m (39.4 ft)	6m (19.7 ft)
	T	131m (429.8 ft)	52m (170.6 ft)	26m (85.3 ft)	13m (42.7 ft)
Smart Event					
IVS		Abandoned Object, missing object			
Heat Map		Yes			
Professional Intelligent					
IVS (Perimeter Protection)		Tripwire, intrusion, fast moving (the three functions support the classification & accurate detection of vehicle & human), loitering detection, people gathering, parking detection.			
Face Detection		Face detection, track, snapshot, snapshot optimization, optimal face snapshot upload, face enhancement, face exposure, face attributes extraction including 6 attributes (gender, age, glasses, expressions, mask & beard) & 8 expressions (angry, sad, disgusted, scared, surprised, calm, happy, confused), face snapshot set as face or one-inch photo, snapshot strategies (real-time snapshot, quality priority & optimization snapshot), face angle filter, optimization time setting.			
People Counting		Support the counting of enter number, leave number & pass number & displaying & outputting yearly/monthly/daily reports. Support the counting of number in area & 4 rules configuration. Count number of people or stay time & link alarm. Support queue management & 4 rules configuration. Count number of people or stay time & link alarm.			



Intelligent Search	Work together with Smart NVR to perform refine intelligent search, event extraction & merging to event videos
Video	
Video Compression	H.265, H.264, H.264H, H.264B, MJPEG (Only supported by the sub stream)
Smart Codec	Smart H.265+, Smart H.264+
Video Frame Rate	Main Stream: (2688 x 1520)(1-25/30fps), (1920 x 1080)(1-50/60fps) Sub Stream: D1 (1-50/60fps) Third Stream: 1080p (1-25/30fps) *The values above are the max. frame rate of each stream, for multiple streams, the values will be subjected to the total encoding capacity.
Stream Capability	3 streams
Resolution	(2688 x 1520), (2560 x 1440), (2304 x 1296), 1080p (1920 x 1080), 1.3M (1280 x 960), 720p (1280 x 720), D1 (704 x 575/704 x 480), VGA (640 x 480), CIF (352 x 288/352 x 240)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 32 kbps - 8192 kbps H.265: 19 kbps - 8192 kbps
Day/Night	Auto (ICR), Color, B/W
BLC	Yes
HLC	Yes
WDR	140 dB
Scene Self-Adaptation (SSA)	Yes
White Balance	Auto, natural, street lamp, outdoor, manual, regional custom
Gain Control	Auto, manual
Noise Reduction	3D NR
Motion Detection	Off/On (4 areas, rectangular)
Region of Interest (ROI)	Yes (4 areas)
Electronic Image Stabilization (EIS)	Yes
Smart Illumination	Yes
Defog	Yes
Image Rotation	0°, 90°, 180°, 270°
Mirror	Yes
Privacy Masking	8 areas
Audio	
Audio Compression	G.711A, G.711Mu, PCM, G.726, G.723
Built-in Mic	Yes



Alarm	
Alarm Event	No SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, motion detection, video tampering, defocus detection, scene changing, tripwire, intrusion, abandoned object, missing object, fast moving, parking detection, loitering detection, people gathering, audio detection, people counting, face detection, voltage detection, people counting in area, stay alarm, people No. exception detection, queue management.
Network	
Network Port	RJ-45 (10/100 Base-T)
SDK & API	Yes
Network Protocol	IPv4, IPv6, HTTP, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, SAMBA, PPPoE, SNMP
Interoperability	ONVIF (Profile S, Profile T, Profile G), CGI, P2P, Milestone, Genetec
User/Host	20 (Total bandwidth: 80M)
Storage	FTP, SFTP, Micro SD Card (support max. 256 GB), NAS
Browser	IE: IE8 & later, Chrome, Firefox
Management Software	DSS, DMSS, Smart PSS
Mobile Client	iOS, Android
Cyber Security	Video encryption, firmware encryption, configuration encryption, digest, WSSE, account lockout, security logs, IP/MAC filtering, generation & importing of X.509 certification, syslog, HTTPS, 802.1x, trusted boot, trusted execution, trusted upgrade
Certification	
Certifications	CE-LVD: EN 62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL/CUL: UL60950-1 CAN/CSA C22.2 No. 60950-1-07
Power	
Power Supply	12V DC ($\pm 30\%$)/PoE (802.3af)/ePoE
Power Consumption	Basic power consumption: 1.9W (12V DC), 2.2W (PoE) Max. power consumption H.265 + max. stream + intelligent function + IR LED + focus: 6W (12V DC), 6.9W (PoE)
Environment	
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)/less than 95% RH
Storage Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Protection	IP67
Structure	
Casing	Inner Core: Metal Cover: Metal Decoration Ring: Plastic Decoration Ring
Dimensions	$\Phi 122.0$ mm $\times$ 108.3 mm ($\Phi 4.8"$ $\times$ 4.3")
Net Weight	740 g (1.6lb)
Gross Weight	910 g (2.0lb)



Accessories



PFA130-E
Junction Box
Dimensions



PFA152-E
Pole Mount Bracket



PFB205W
Wall Mount Bracket



PFB220C
Ceiling Mount Bracket

