

DC-D4517RXP 2.8mm

H.265 5MP PoE Extender IR Dome Camera

NDA & TAA Compliant



5MP FIXED-FOCAL DOME CAMERA WITH POE EXTENDER SUPPORT AND WIDE-ANGLE COVERAGE

The DC-D4517RXP features a 1/2.8" CMOS sensor delivering 5MP (2592x1944) high-resolution video at 30fps, with a 2.8mm fixed-focal lens providing wide-angle coverage. It ensures clear object identification in challenging lighting conditions through 120dB True WDR and IR LEDs with a 20m range. A key differentiator is the integrated PoE Extender, which includes an additional RJ45 port to power and connect another PoE device, significantly reducing installation costs and cabling complexity. Supporting H.265 and Intelligent Codec for optimized bandwidth and DirectIP 2.0 for secure, plug-and-play connectivity, it is ideal for indoor environments such as offices, retail stores, and corridors where efficient network configuration and high-quality surveillance are required.

KEY FEATURES

- 5MP (2592x1944) resolution
- IR LED (Distance : 20 m / 65.6 ft)
- Fixed-focal lens
- micro SD/SDHC/SDXC
- PoE, IEEE 802.3at(Class 4), Built-in PoE Extender
- Day and night (ICR)
- True wide dynamic range (WDR)
- Easy installation with DirectIP NVR
- H.265 and Intelligent Codec
- Supports ONVIF

DC-D4517RXP 2.8mm | Datasheet

VIDEO	
Image Sensor	1/2.8" CMOS
Max. Resolution	2592 x 1944
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	2.8mm
Aperture	F2.0
Iris Control	Fixed Iris
Angular Field of View	4:3 mode : 104.8° (H) 76.9°(V) 130°(D) 16:9 mode : 104.8° (H) 57.2°(V) 123°(D)
Min. Illumination	COLOR : 0.15 lux @ F2.0 B/W : 0 lux (IR LED ON)
Dynamic Range	120dB (True WDR)
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)
Day and Night	Yes (ICR)
IR Distance (LEDs)	20m / 65.6ft (4 ea)
Image Setting	Exposure, White Balance, Self-Adjusting Video Mode(Sharpness, Contrast, Colors, Brightness Control)
Backlight Compensation	BLC
Mirroring / Pivot	Horizontal / Vertical / Pivot
Image Stabilizer	-
De-fog	Yes
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	-

PAN/TILT/ROTATE	
Pan Range	-170° ~ 170°
Tilt Range	-5° ~ 67.5°
Rotate Range	-109° ~ 109°

NETWORK	
Video Compression	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Yes
Bitrate Control	H.265 - CBR / VBR, H.264 - CBR / VBR
Audio Compression	-

Two-way Audio	-
IP Camera Protocol	DirectIP 2.0, ONVIF Profile S/T
Max. Frame Rate	4:3 mode : 30ips : 2592 x 1944(WDR) 16:9 mode : 30ips : 2592 x 1456(WDR)
Supported Resolution	4:3 : 2592x1944, 1920x1440, 1280x960x 640x480 16:9 : 2592x1456, 1920x1080, 1280x720, 640x360
Multi-video Streaming	Quadruple Streaming
Network Protocols	DirectIP 2.0 Protocol, IPv4, IPv6, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNMP, SMTP, FEN, mDNS, uPNP, SNMPv2
Security	Digest authentication, Password Protection, User access log, IP Filtering, IEEE802.1x(EAP-TLS), Chained Fingerprint, SSL Encryption, HTTPS Encryption
Ethernet	1 RJ45 (10/100BASE-T), 1 Additional RJ45 (10/100BASE-T) for PoE Extender
Recording Session Buffer (NLTSrec)	Yes (Up to 60MB)
Edge Storage	-

ALARM AND EVENT

Trigger Event	Motion Detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (with Image)
Audio Alarm	-
Audio In / Out	-
Alarm In / Out	-

ENVIRONMENTAL

Vandal Proof Casing	-
Outdoor Ready	-
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Starting up at above 0°C (32°F)
Operating Humidity	0% ~ 90%

ELECTRICAL

Power Source	PoE, IEEE 802.3at(Class 4)
Power Consumption	PoE, IEEE 802.3at(Class 4), 25.5W (DC OUT : 42.5-57V=, 0.3A MAX)
Approval	FCC, CE, KC

MECHANICAL

Dimensions	Ø110 x 88mm(Ø4.33" x 3.46")
Weight	0.22kg(0.48lb)

DIMENSIONS

Unit - mm (inch)



DC-D4517RXP 2.8mm | Compatible Accessories

ENVIRONMENT

CONFIGURATION

Wall



**Wall mount for
Turret**
DA-WM4300

Etc



Flush Mount
DA-FM4100