

**DC-D4517RX 2.8mm**

# H.265 5MP IR Dome Camera

NDAA & TAA Compliant



## COMPACT 5MP INDOOR DOME CAMERA WITH WIDE-ANGLE LENS

The DC-D4517RX features a 1/2.8" CMOS sensor delivering 5MP (2592x1944) high-resolution video at 30fps, with a 2.8mm fixed-focal lens providing a wide field of view. It ensures clear object identification in challenging lighting conditions with 120dB True WDR and maintains visibility in complete darkness with a 20m IR range. Utilizing H.265 and Intelligent Codec, the camera optimizes bandwidth and storage efficiency, while DirectIP 2.0 support enables seamless system integration and management. With its compact 110mm diameter design and PoE support for simplified installation, it is an ideal solution for indoor environments such as offices, retail stores, and corridors requiring high-definition wide-area monitoring.

## KEY FEATURES

- Easy installation with DirectIP NVR
- PoE (IEEE 802.3af Class 3)
- True wide dynamic range (WDR)
- H.265 and Intelligent Codec
- IR LED (Distance : 20 m / 65.6 ft)
- Day and night (ICR)
- Affordable 5MP High Resolution
- Fixed-focal lens
- Supports ONVIF

## DC-D4517RX 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	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law

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	RJ45 (10/100BASE-T)
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 802.3af (Class 3)
Power Consumption	PoE, IEEE 802.3af (Class 3), 7.5W
Approval	FCC, CE, KC

## MECHANICAL

Dimensions	Ø110 x 88mm(Ø4.33" x 3.46")
Weight	0.2kg(0.44lb)

**DIMENSIONS**

Unit - mm (inch)



## DC-D4517RX 2.8mm | Compatible Accessories

ENVIRONMENT

CONFIGURATION

**Wall**



**Wall mount for  
Turret**  
DA-WM4300

**Etc**



**Flush Mount**  
DA-FM4100