DC-D4536HRX

5MP Vandal-Resistant IR Dome Camera

NDAA & TAA Compliant



5MP OUTDOOR DOME CAMERA WITH MOTORIZED VARI-FOCAL LENS

The DC-D4536HRX features a 1/2.8" CMOS sensor delivering 5MP (2592x1944) high-resolution video, equipped with a 3.0~13.5mm motorized vari-focal lens for precise remote focal length adjustment. It ensures clear visibility in challenging lighting conditions with 120dB True WDR and 30m IR distance, while optimizing storage and bandwidth through H.265 and Intelligent Codec. With IP67, IK10 ratings, and a built-in heater, the camera operates reliably in temperatures as low as -40°C, and Smart Failover technology prevents data loss during network disruptions. This camera is ideal for outdoor environments requiring high durability and clear imaging, such as parking lots, logistics centers, and industrial sites.

KEY FEATURES

- Easy installation with DirectIP NVR
- 5MP (2592x1944) resolution
- Motorized Vari-focal lens (f=3.0~13.5mm)
- micro SD/SDHC/SDXC, Smart Failover
- Two-way audio
- Alarm in / out
- IK10 / IP67
- PoE (IEEE 802.3af Class 3), 12V DC
- Day and night (ICR)
- True wide dynamic range (WDR)
- IR LED (Distance : 30 m / 98.4 ft)
- 3-axis mechanical design for installation
- Supports ONVIF

DC-D4536HRX | Datasheet

VIDEO

Image Sensor	1/2.8" CMOS
Max. Resolution	2592 x 1544
Scanning Mode	Progressive Scan
Lens Type	Motorized Vari-focal
Focal Length	3.0 ~ 13.5mm
Aperture	F1.4 ~ 3.2
Iris Control	DC Iris
Angular Field of View	[4:3 mode] Wide : 91°(H) 68°(V) 120°(D) Tele : 31°(H) 23°(V) 38°(D) [16:9 mode] Wide : 91°(H) 49°(V) 107°(D) Tele : 31°(H) 17°(V) 35°(D)
Min. Illumination	COLOR : 0.15 lux @ F1.4 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)	30m / 98.4 ft (6ea)
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	-175° ~ 175°
Tilt Range	0° ~ 67°
Rotate Range	-177° ~ 177°

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 a-Law/u-Law
Two-way Audio	Yes
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 1466(WDR)
Supported Resolution	4:3 : 2592x1944, 1920x1440, 1280x960, 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, SNTP, SMTP, FEN, mDNS, uPNP, SNMPv2
Security	Digest authentication, Password Protection, User access log, IP Filtering, IEEE802.1x(EAP-TLS), Channel Fingerprint, SSL Encryption, HTTPS Encryption
Ethernet	RJ45 (10/100BASE-T)
Recording Session Buffer (NLTSrec)	Yes (Up to 60MB)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)

ALARM AND EVENT

Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone
Event Notification	Remote S/W, Email (with image)
Audio Alarm	Yes
Audio In / Out	1 / 1
Alarm In / Out	1 / 1

ENVIRONMENTAL

Vandal Proof Casing	IK10
Outdoor Ready	IP67, Heater
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Starting up at above -20°C (-4°F)
Operating Humidity	0% ~ 90%

ELECTRICAL

Power Source	12VDC, PoE, IEEE 802.3af(Class 3)
Power Consumption	12V=, 1.1A, 13.2W PoE, IEEE 802.3af(Class 3), 11W
Approval	FCC, CE, UL, KC

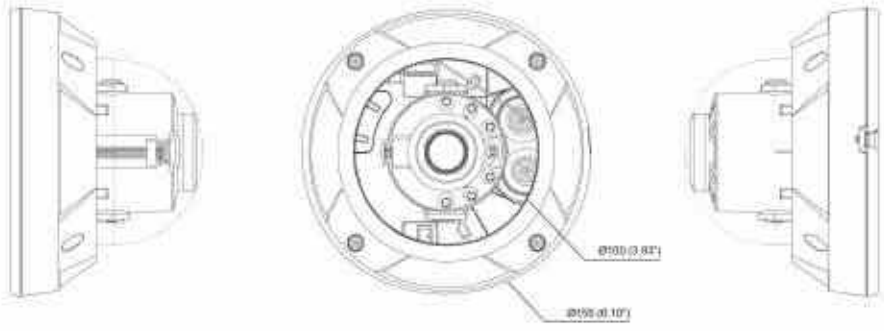
MECHANICAL

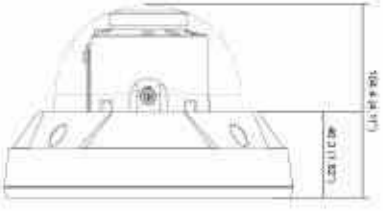
Dimensions	Ø155mm x 104.4mm(Ø6.1" x 4.11")
Weight	1kg (2.2lb)

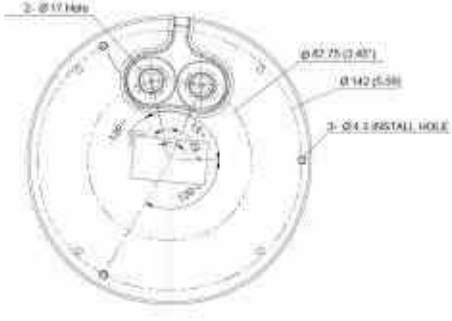
DORI

Detect (25PPM)	50.9m – 186.8m (166.9ft – 613.1ft)
Observe (63PPM)	20.2m – 74.2m (66.2ft – 243.4ft)
Recognize (125PPM)	10.2m – 37.4m (33.4ft – 122.7ft)
Identify (250PPM)	5.1m – 18.7m (16.7ft – 61.3ft)

DIMENSIONS


Ø100 (3.93")
Ø55 (2.17")


104.4 (4.11")
42.3 (1.67")


3- Ø17 Hole
Ø82.75 (3.40")
Ø142 (5.59)
3- Ø4.3 INSTALL HOLE

DC-D4536HRX | Compatible Accessories

ENVIRONMENT	CONFIGURATION
Wall	 Junction Box DA-JB2200 OR Mount Adapter DA-MA2100 +  Wall Mount DA-WM2050
Ceiling	 Junction Box DA-JB2200 OR Mount Adapter DA-MA2100 + Ceiling Mount DA-CM2050
Pole	Mount Adapter DA-MA2100 +  Wall Mount DA-WM2050 +  Pole Mount DA-LM2500

ENVIRONMENT	CONFIGURATION
Corner	Mount Adapter DA-MA2100 +  Wall Mount DA-WM2050 +  Corner Mount DA-RM2000
Etc	 Flush Mount DA-FM1500