DC-S6286HRXL

2MP 36x Lightmaster IR PTZ Camera

NDAA & TAA Compliant

FULL HD PTZ CAMERA WITH 36X OPTICAL ZOOM AND 350M IR FOR LONG-RANGE SURVEILLANCE

The DC-S6286HRXL features a 1/2" CMOS sensor for clear Full HD imaging in low-light conditions, combined with a 36x optical zoom (6-216mm) and 350m IR distance for precise long-range identification. Equipped with 120dB True WDR, Electronic Image Stabilization (EIS), and De-fog technology, it maintains consistent image quality despite weather fluctuations or vibrations. The camera is IP66 and IK10 rated, supporting a wide operating temperature range from -40°C to +55°C for reliable outdoor performance. With Smart Failover ensuring data continuity, it is an ideal solution for large-scale perimeter security, including airports, seaports, and critical infrastructure.

KEY FEATURES

- Easy installation with DirectIP NVR
- Full HD (1080p) resolution
- AF optical zoom lens (f=6 - 216mm), 36x zoom
- Two-way audio
- Alarm in / out
- IK10 / IP66 supports
- Built-in heater
- High-PoE, 24V AC
- Day and night (ICR)
- True wide dynamic range (WDR)
- Digital image stabilization (DIS)
- 350 m / 1,148.2ft (2ea)
- Supports ONVIF

DC-S6286HRXL | Datasheet

VIDEO

Image Sensor	1/2" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	AF Zoom Lens
Focal Length	6 ~ 216mm
Aperture	F1.36 ~ F4.6
Iris Control	DC Iris (Hall Sensor)
Angular Field of View	Wide : 57.4°(H), 33.1°(V), 65.2°(D) Tele : 1.9°(H), 1.1°(V), 2.2°(D)
Min. Illumination	Color : 0.02 lux @ F1.36 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)	350 m / 1,148.2ft (2ea)
Image Setting	Exposure, White Balance, Self-Adjusting Video Mode(Sharpness, Contrast, Colors, Brightness Control)
Backlight Compensation	BLC
Mirroring / Pivot	Horizontal / Vertical
Image Stabilizer	Yes (EIS)
De-fog	Yes
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	1 Terminal Block

PAN/TILT/ROTATE

Pan Range	360° (Endless)
Pan Speed	0.02~180°/sec (preset 240°/sec)
Tilt Range	200° (-10~190°)
Tilt Speed	0.02~180°/sec (preset 240°/sec)
Preset	256ea

NETWORK

Video Compression	H.265, H.264 (MP), M-JPEG
Intelligent Codec	Yes

Bitrate Control	H.264 - CBR / VBR, H.265 - CBR / VBR
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law
Two-way Audio	Yes
IP Camera Protocol	DirectIP 2.0, ONVIF Profile S/T
Max. Frame Rate	30ips :1920 x 1080(WDR)
Supported Resolution	1920x1080, 1280x720, 640x360, 352x240
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), Chained 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	8 / 2

ENVIRONMENTAL

Vandal Proof Casing	IK10
Outdoor Ready	IP66
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	24VAC, High-PoE (75W)
Power Consumption	Max 39.6W(Heater/IR on) HEATER/IR OFF 24V~, 1.6A, 26.2W, 50/60Hz High-PoE, 50-57V, 23.6W HEATER/IR ON 24V~, 2.3A, 39.6W, 50/60Hz High-PoE, 50-57V, 35.6W
Approval	FCC, CE(50130-4), KC

MECHANICAL

Dimensions	Ø242mm x 401.8mm (Ø9.52" x 15.82")
Weight	6.7kg (14.77 lb)

DIMENSIONS

Unit - mm (inch)

DC-S6286HRXL | Compatible Accessories

ENVIRONMENT	CONFIGURATION
Wall	**Wall Mount** DA-WM1400
Ceiling	**Ceiling Mount** DA-CM1300 OR **Ceiling Mount** DA-CM1500
Pole	**Wall Mount** DA-WM1400 + **Pole Mount** DA-LM1100
Corner	**Wall Mount** DA-WM1400 + **Corner Mount** DA-RM1100

ENVIRONMENT	CONFIGURATION
Etc	 Single Port High-PoE Injector DA-PI PoE400