

DC-S6882WR**8MP IR PTZ Camera (LightMaster NIR)**

NDAA & TAA Compliant

**4K OUTDOOR NETWORK PTZ CAMERA WITH 31X OPTICAL ZOOM**

The DC-S6882WR features a 1/1.8" CMOS sensor delivering 4K (8MP) resolution at 30fps, combined with a 31x optical zoom lens for precise identification of distant objects. It maintains clear image quality in challenging lighting conditions with 120dB True WDR and a 300m IR distance, while Electronic Image Stabilization (EIS) ensures stable monitoring despite external vibrations. Built on the DirectIP 2.0 protocol for seamless integration, it prevents data loss during network disruptions via Smart Failover technology. With IP66 and IK10 ratings and an operating temperature range from -40°C to 55°C, this camera is designed for reliable performance in large-scale outdoor environments such as city surveillance, airports, and seaports.

KEY FEATURES

- Easy installation with DirectIP NVR
- 4K UHD (3840 x 2160) resolution
- AF optical zoom lens (f=6.91 ~ 214.64mm)
- Built-in 300m Long range IR Illuminator

DC-S6882WR | Datasheet

VIDEO

Image Sensor	1/1.8" CMOS
Max. Resolution	3840 x 2160
Scanning Mode	Progressive Scan
Lens Type	AF Zoom Lens
Focal Length	6.91 ~ 214.64mm
Aperture	F1.36 ~ F4.6 [TBD]
Iris Control	P-Iris
Angular Field of View	Wide : 61.8°(H), 36.3°(V), 70.3°(D) Tele : 2.3°(H), 1.3°(V), 2.6°(D)
Min. Illumination	Color : 0.13 lux @ F1.36B/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)	300 m/984.3ft (2ea)
Image Setting	Exposure, White Balance, Self-Adjusting Video Mode(Sharpness, Contrast, Colors, Brightness Control)
Backlight Compensation	-
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	0.02~240°/sec (preset 240°/sec)
Tilt Range	200° (-10~190°)
Tilt Speed	0.02~240°/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 : 3840 x 2160(WDR)
Supported Resolution	3840 x 2160, 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	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)

ALARM AND EVENT

Trigger Event	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone, System Status
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, PoE (IEEE 802.3bt, Class 8)
Power Consumption	HEATER, IR LED OFF 24VAC, 1.6A, 28.0W, 50/60HzPoE, IEEE 802.3bt(Class 8), 28.4W HEATER, IR LED ON 24VAC, 2.8A, 52.9W, 50/60HzPoE, IEEE 802.3bt(Class 8), 53.1W
Approval	FCC, CE, KC

MECHANICAL

Dimensions	Ø242mm x 401.8mm (Ø9.52" x 15.82")
Weight	7.4kg (16.31lb)

DIMENSIONS

(Unit - mm)



DC-S6882WR | Compatible Accessories

ENVIRONMENT	CONFIGURATION
Wall	<div><p>Wall Mount DA-WM1400</p></div>
Ceiling	<div><div><p>Ceiling Mount DA-CM1300</p></div><div>OR</div><div><p>Ceiling Mount DA-CM1500</p></div></div>
Pole	<div><div><p>Wall Mount DA-WM1400</p></div><div>+</div><div><p>Pole Mount DA-LM1100</p></div></div>
Corner	<div><div><p>Wall Mount DA-WM1400</p></div><div>+</div><div><p>Corner Mount DA-RM1100</p></div></div>

ENVIRONMENT

CONFIGURATION

Etc



Single Port High-PoE Injector
DA-PI PoE400