

DC-S4561WRA**5M Mini AI PTZ Camera**

NDAA & TAA Compliant

**5MP 21X PTZ NETWORK CAMERA**

The DC-S4561WRA features a 1/2.8" CMOS sensor delivering 5MP (2592x1944) resolution at 30fps, with a 21x optical zoom lens for precise identification of distant objects. Equipped with 120dB True WDR and IR LEDs with a 100m range, it ensures clear visibility in challenging lighting conditions and total darkness. The camera provides comprehensive area coverage through 360° endless pan/tilt functionality and intelligent video analytics, including intrusion, loitering, and line crossing detection. With an IP66-rated weather-proof housing and an operating temperature range of -30°C to +55°C, it ensures reliable performance in diverse outdoor environments. It also supports Smart Failover to prevent data loss during network interruptions. This model is ideal for perimeter security, large parking lots, and industrial site monitoring where wide-area surveillance and detailed tracking are required.

KEY FEATURES

- 5M resolution
- AF optical zoom lens (f=5.33 ~ 111.93mm), 21x zoom
- Two-way audio and Alarm in / out
- PoE IEEE 802.3at (Class 4)
- Compact Size
- Easy and Quick Installation
- IDIS Deep-Learning Analytics (IDLA)
- AI Auto Tracking Supports

DC-S4561WRA | Datasheet

VIDEO

Image Sensor	1/2.8"
Max. Resolution	2592x1944
Scanning Mode	Progressive Scan
Lens Type	AF Zoom Lens
Focal Length	5.33 ~ 111.93mm
Aperture	F1.67 ~ F3.69
Iris Control	DC Iris (Hall Sensor)
Angular Field of View	[4:3 mode] Wide : 54.8°(H), 41.7°(V), 67.2°(D) Tele : 3.3°(H), 2.5°(V), 4.1°(D) [16:9 mode] Wide : 54.8°(H), 31.5°(V), 62.2°(D) Tele : 3.3°(H), 1.8°(V), 3.8°(D)
Min. Illumination	COLOR : 0.13 lux @ F1.67 B/W : 0 lux @ F1.67
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)	100 m / 328.1ft (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	Yes (EIS)
De-fog	Yes
Privacy Masking	32 Zones
Intelligent Video	Object Metadata: Human, Vehicle, Face IDLA: Object Detection, Intrusion, Loitering, Line Crossing, Face Detection ETC: Video Motion Detection, Active Tampering Alarm
Video Out	-

PAN/TILT/ROTATE

Pan Range	360° (Endless)
Pan Speed	0.02~240°/sec (preset 240°/sec)
Tilt Range	90° (0°~90°)
Tilt Speed	0.02~240°/sec (preset 240°/sec)
Preset	256ea

NETWORK

Video Compression	H.265, H.264 (MP), M-JPEG
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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, OPUS 16K
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 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, FTPS, 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 (NLTSec)	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, Object Detection, Intrusion, Loitering, Line Crossing, Face Detection
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	-
Outdoor Ready	IP66
Operating Temperature	-30°C ~ +55°C (-22°F ~ +131°F) *Starting up at above 0°C (32°F)
Operating Humidity	0% ~ 90%

ELECTRICAL

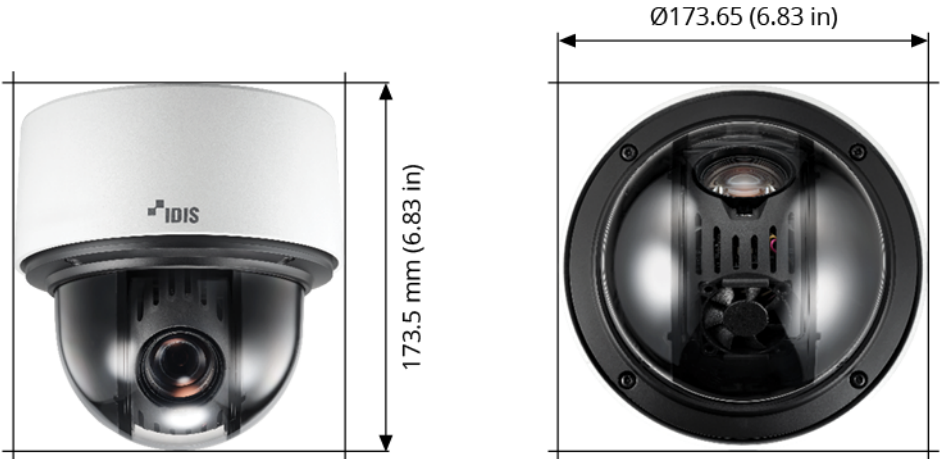
Power Source	PoE IEEE 802.3at (Class 4)
Power Consumption	PoE IEEE 802.3at (Class 4), 57V~, 16.8W
Approval	FCC, CE(50130-4), KC, UL

MECHANICAL

Dimensions	Ø173.65mm x 173.5mm (Ø6.83" x 6.83")
Weight	2.37 kg (5.22lb)

DIMENSIONS

Unit - mm (inch)



DC-S4561WRA | Compatible Accessories

ENVIRONMENT	CONFIGURATION				
Wall	 ADAPTER PLATE DA-BM1100	+	 Wall Mount DA-WM1400		
Ceiling	 ADAPTER PLATE DA-BM1100	+	 Ceiling Mount DA-CM1300		
	----- OR -----				
	 ADAPTER PLATE DA-BM1100	+	 Ceiling Mount DA-CM1500		
Pole	 ADAPTER PLATE DA-BM1100	+	 Wall Mount DA-WM1400	+	 Pole Mount DA-LM1100
Corner	 ADAPTER PLATE DA-BM1100	+	 Wall Mount DA-WM1400	+	 Corner Mount DA-RM1100