

## DC-I6212WRX

# 2MP Intercom

NDAA & TAA Compliant



### OUTDOOR COMPACT CAMERA WITH 180° WIDE-ANGLE VIEW AND TWO-WAY AUDIO

The DC-I6212WRX features a 1/2.8" CMOS sensor delivering Full HD resolution and a 1.85mm fixed-focal lens providing a 180° horizontal field of view for wide-area coverage. It ensures clear image quality in high-contrast lighting conditions with 120dB True WDR and maintains visibility in complete darkness with a 5m IR distance. Equipped with a built-in microphone and speaker featuring echo cancellation, the camera enables clear two-way audio communication between the site and the control center. It supports DirectIP 2.0 for seamless NVR integration and utilizes H.265 with Intelligent Codec to optimize bandwidth and storage efficiency. With IP66, IK10, and NEMA4X ratings, the device is engineered to withstand physical impact, corrosion, and harsh environmental conditions. Smart Failover technology ensures continuous recording to a micro SD card (up to 512GB) during network interruptions, preventing data loss. This camera is ideal for environments requiring both wide-angle monitoring and real-time communication, such as building entrances, drive-thrus, unmanned kiosks, and perimeter security applications.

### KEY FEATURES

- SIP(VoIP) Supports
- Clear Voice Communication with Echo Cancellation
- IR LED (Distance : 5m / 16ft)
- IK10 / IP66 / NEMA4X support

## DC-I6212WRX | Datasheet

### VIDEO

Image Sensor	1/2.8" CMOS
Max. Resolution	1920 x 1080
Scanning Mode	Progressive Scan
Lens Type	Fixed-focal
Focal Length	1.85mm
Aperture	F2.3
Iris Control	Fixed Iris
Angular Field of View	180°(H)
Min. Illumination	COLOR : 0.1 lux @ F2.3 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)	5m / 16ft (1ea)
Image Setting	Exposure, White Balance, Self-Adjusting Video Mode(Sharpness, Contrast, Colors, Brightness Control)
Backlight Compensation	-
Mirroring / Pivot	Horizontal / Vertical
Image Stabilizer	-
De-fog	Yes
Privacy Masking	8 Zones
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
Video Out	-

### 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	G.726, G.711 u-Law, G.711 a-Law, G.722
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

<b>Network Protocols</b>	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, SIP
<b>Security</b>	Digest authentication, Password Protection, User access log, IP Filtering, IEEE802.1x(EAP-TLS), Chained Fingerprint, SSL Encryption, HTTPS Encryption
<b>Ethernet</b>	RJ45 (10/100BASE-T)
<b>Recording Session Buffer (NLTSrec)</b>	Yes (Up to 60MB)
<b>Edge Storage</b>	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)

## ALARM AND EVENT

<b>Trigger Event</b>	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone
<b>Event Notification</b>	Remote S/W, Email (with Image)
<b>Audio Alarm</b>	Yes
<b>Audio In / Out</b>	1 (Built In MIC with Echo Cancellation) / 1 (Built In SPK)
<b>Alarm In / Out</b>	1 / 2

## ENVIRONMENTAL

<b>Vandal Proof Casing</b>	IK10
<b>Outdoor Ready</b>	IP66, NEMA4X
<b>Operating Temperature</b>	-30°C ~ +55°C (-22°F ~ +131°F) *Starting up at above 0°C (32°F)
<b>Operating Humidity</b>	0% ~ 90%

## ELECTRICAL

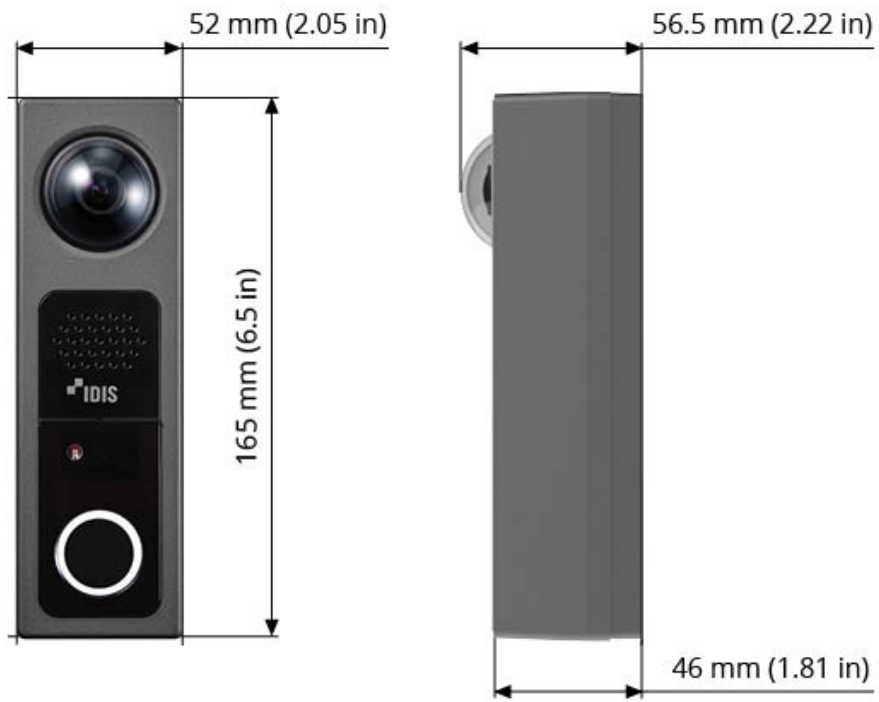
<b>Power Source</b>	12VDC, PoE IEEE 802.3af (Class 3)
<b>Power Consumption</b>	12V=, 1.87A, 22.4W PoE, (IEEE 802.3af Class 3), 9.5W (DC Output : 12V=, 1A MAX with Adaptor)
<b>Approval</b>	FCC, CE, KC

## MECHANICAL

<b>Dimensions</b>	52mm x 165mm x 46mm (2.05" x 6.50" x 1.81")
<b>Weight</b>	0.52 kg (1.15lb)

## DIMENSIONS

Unit - mm (inch)



## DC-I6212WRX | Compatible Accessories

ENVIRONMENT

CONFIGURATION

Etc



**Intercom Flush  
Mount**

DA-FM2100