



Clear Voice Communication with Echo Cancellation

# Video Intercom



Strengthen security and safety with the most robust video intercom yet

DC-I6212WRX



- Easy integration into surveillance systems
- Secure mobile access
- Designed to withstand harsh environments
- Simultaneous two-way audio and video recording
- SIP (VoIP) Communication Support
- Designed for a broad range of environment





# Multi-Functional Access Control and Video Intercom

Experience the Ultimate Video Intercom that Features a Single Camera for Superior Surveillance, Communication, and Access Control

The IDIS 2MP Video Intercom (DC-I6212WRX) is the first-ever NEMA 4X, IK10, and IP66 rated vandal-resistant and waterproof video intercom. It adds a valuable yet affordable access product to IDIS's comprehensive NDAA-compliant product range.

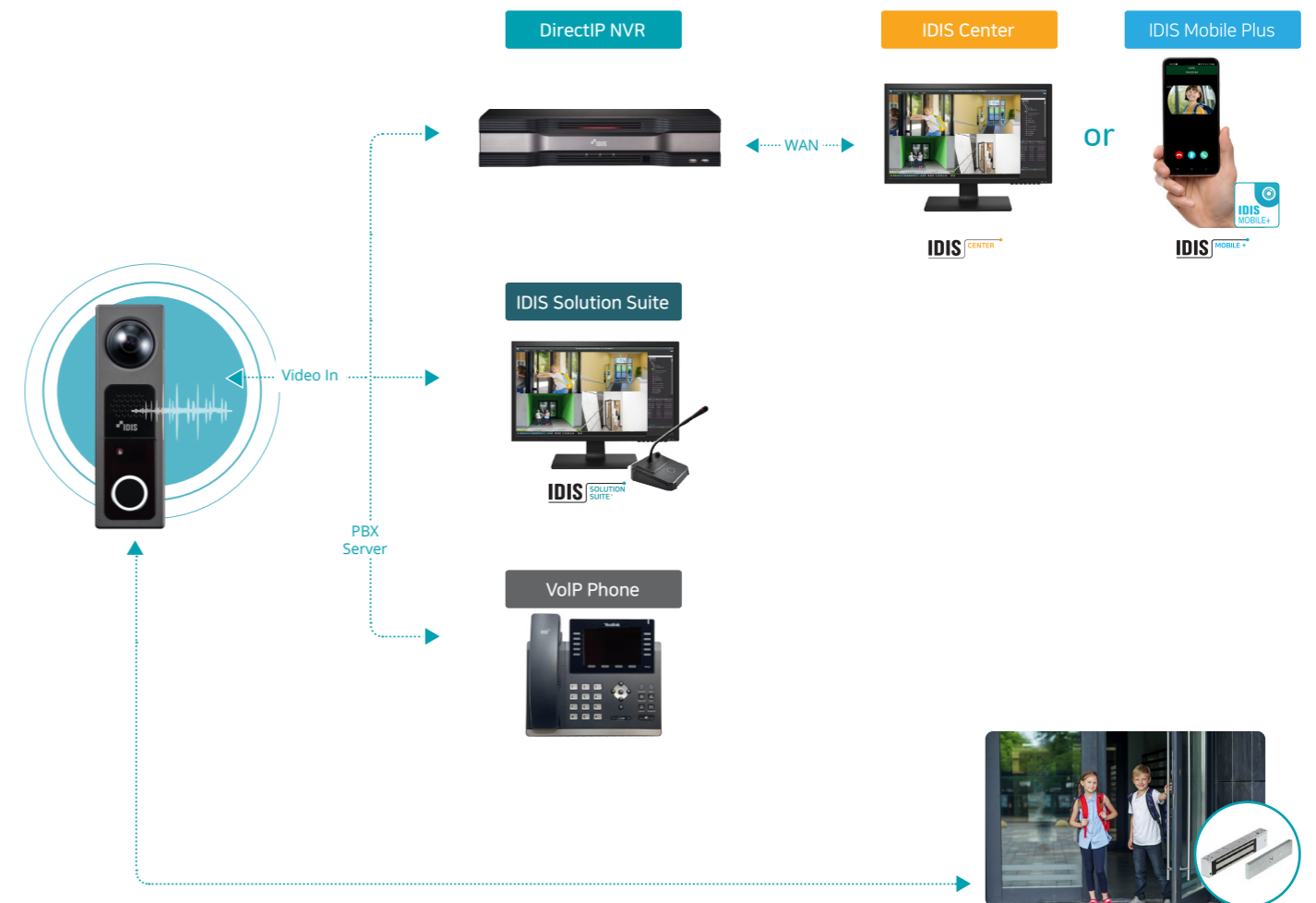
The latest IDIS video intercom is crucial to safety and security at premises' entrances. Managed from front desk receptions, it supports access management, improved visitor management and face-to-face interaction, and provides essential video and audio evidence in the event of an incident.

**NDAA**  
Compliant



The 2MP fisheye camera captures clear footage of events occurring in front of entrances with a wide-angle view. It enables simultaneous high-definition video and two-way audio communication providing essential forensic evidence in the event of intrusion, vandalism, or other crimes.

The DC-I6212WRX benefits from hassle-free plug-and-play installation and configuration, and comes with an impressive menu of practical yet affordable features suited to varied environments. Users can facilitate seamless communication using a choice of options including the totally cost- and license-free IDIS Center, free mobile app, our enterprise-class IDIS Solution Suite VMS, or front desk VoIP handsets. Functions include answering calls, checking video and audio, and denying or allowing access.







## Minimalist Aesthetics, Sleek Lines, and Functionality Focused On Users



### Video

- Clear video day and night with optimized ISP function
- 2MP (1920 x 1080)
- Broad, angular 180° field-of-view
- Clear foreground and background images
- True Wide Dynamic Range (WDR) 120dB
- IR LED up to 5 meters / 16 feet

### Audio

- Robust in-built speaker
- Two-way, full duplex audio
- Echo cancellation and noise reduction

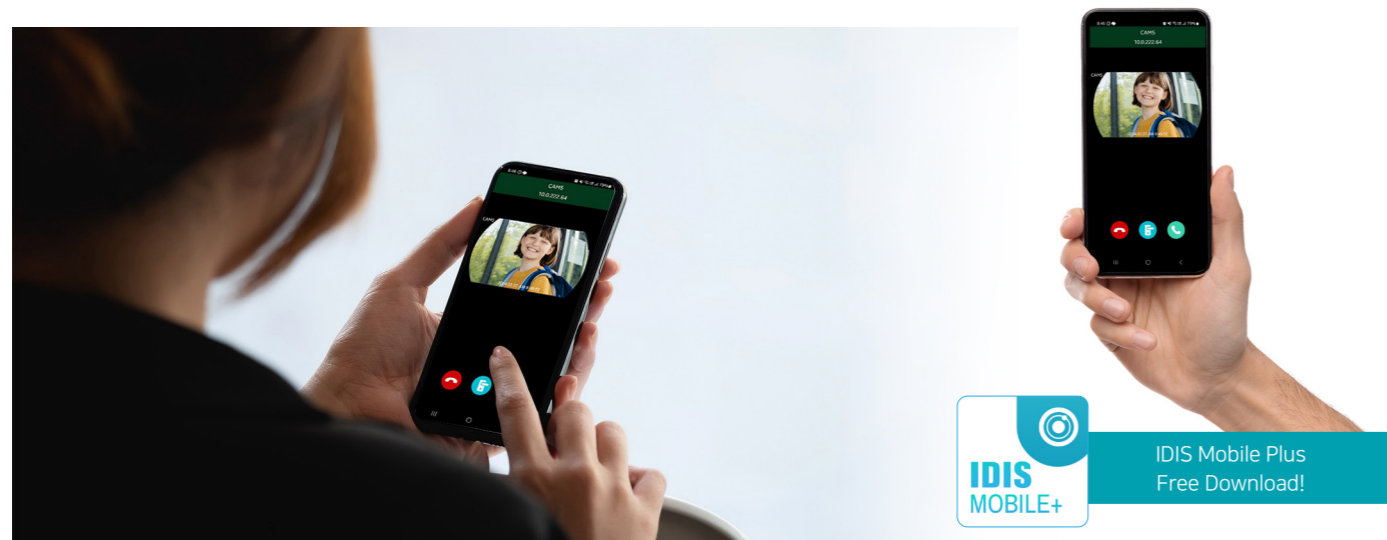
## Safeguard Against Hazards, Vandalism, and Extreme Indoor and Outdoor Conditions



The DC-I6212WRX protects against hazardous environments and vandalism with its toughened casing, with active tamper detection. With its NEMA 4X, IK10, and IP66 ratings, it protects against today's increasingly harsh environmental conditions, providing protection against severe weather, sub-zero temperatures, and extreme events causing high pollution and dust levels.

## Connect and Respond Cost-Free with The IDIS Mobile+ App

Users can experience seamless connectivity with the free-to-download IDIS Mobile+ App without incurring any additional costs. By putting power of advanced VMS at users' fingertips, staff can swiftly respond to visitors and delivery drivers by checking video and audio and denying or permitting access while on the move, giving them a convenient user experience.



## Security Intercom for a Range Vertical Applications

The IDIS video intercom offers robust and more flexible security at front desks without the clutter of additional equipment making them ideal for schools, universities, healthcare clinics, probation offices to residential, commercial and industrial settings. They can be used standalone or spread across larger sites and campuses with multiple buildings, enhancing existing video surveillance solutions, and improving overall security and safety.



**Education :** Supports immediate face-to-face communication alongside surveillance, for secure access control and a rapid response to incidents.

**Commercial :** A simple add-on to existing surveillance systems to professionally manage visitors while eliminating additional equipment clutter at front desks and ensuring the safety of staff.

**Residential:** Ensure the safety and security of people and property across residential complexes by placing intercoms at vulnerable access points.

**Industrial:** Robust enough to withstand the harshest of environments, secure internal and external access points across heavy industrial and manufacturing sites.



## 2MP Video Intercom

# DC-I6212WRX



- SIP (VoIP) Supports
- Clear Voice Communication with Echo Cancellation
- IR LED (5m / 16ft (1ea))
- IK10 / IP66 / NEMA 4X support

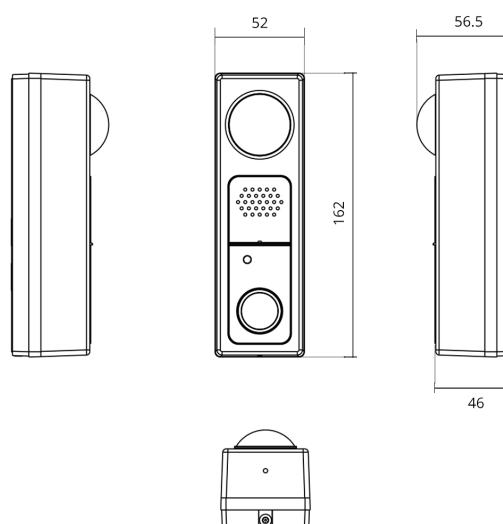


## SPECIFICATIONS

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 Wide	180°(H), 92°(V)
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)
NETWORK	
Video Compression	H.265, H.264 (MP), M-JPEG
Bit rate 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
Supported Resolution	1920x1080, 1280x720, 640x360, 352x240
Multi-Video Streaming	Quadruple Streaming
Ethernet	RJ45 (10/100BASE-T)
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 512GB)
Audio and Alarm	
Audio In/Out	1 (Built In MIC with Echo Cancellation) / 1 (Built In SPK)
Audio Alarm	Yes
Alarm In/Out	1/2
ENVIRONMENTAL	
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	12VDC, PoE IEEE 802.3af (Class 3)
Power Consumption	12V=, 1.87A, 22.4W PoE, (IEEE 802.3af Class 3), 9.5W (DC Output : 12V=, 1A MAX with Adaptor)
Approvals	FCC, CE, KC
MECHANICAL	
Dimensions	52mm x 165mm x 46mm (2.05" x 6.50" x 1.81")
Weight	0.52 kg (1.15lb)

## DIMENSIONS

(Unit - mm)



## ACCESSORIES (OPTIONAL)



IDIS and identifying product names and numbers herein are registered trademarks of IDIS Co., Ltd. All non-IDIS brands and product names are trademarks or registered trademarks of their respective companies. Product appearance, build status, and/or specifications are subject to change without notice. Copyright © IDIS Co., Ltd. All rights reserved.

\* Product specifications in this brochure can change. Please confirm details on our website.