

ICIP-DW102

1 Megapixel HD WiFi Indoor Mini Dome Camera



- 1 Megapixel Resolution
- 2.8mm Fixed Lens
- Indoor Micro Size Dome
- Built-in WiFi
- Max 30fps@720P (1280x720)
- DWDR, 3DNR, AWB, AGC, BLC
- Network Access: Web browsers, SmartICRSS, & ICRSS Pro/ICVIEW
- 12V DC Power

System Overview

Throw away the Cat-5 and enter the world of easy installations. The new ICIP-DW102 indoor 1 MP Wifi dome banishes Cat-5 and brings you seamless installation in half the time. The camera delivers crisp 1MP (1280x720) video all while serving it up through the airwaves directly to your NVR. The micro form factor makes placement simple and quick. This little camera features large performance and because of its size it remains aesthetically pleasing to the eye.

Interoperability

The camera conforms to the ONVIF (Open Network Video Interface Forum) specifications, ensuring interoperability between network video products regardless of manufacturer.

True Day/Night

A day/night mechanical IR cut filter makes this camera ideal for applications with fluctuating lighting conditions, delivering color images during the day and automatically switching to monochrome as the scene darkens.

Functions

Image flip

Capturing unnecessary data such as surrounding hallway walls can increase storage requirements without any added value. The image flip feature allows the camera's image to be rotated in 90° increments for better video optimization.

H264

Like all IC Realtime series products, this device utilizes H.264E (Enhanced H.264) compression technology, enabling crisp image viewing with the least bandwidth consumption possible. This unit adopts an embedded system design, as well as a Linux Operating System, resulting in high levels of stability, performance, and most importantly: reliability. In addition, this unit is fully operational from remote locations Search / Playback / Backup / Configuration) over standard Ethernet networks

Technical Specification

Camera

Image Sensor	1/4" 1 Megapixel progressive scan CMOS
Effective Pixels	1280(H)×720(V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 ~ 1/10000
Minimum Illumination	0.1Lux/F1.8(color), 0Lux/F1.8(IR on)
S/N Ratio	More than 50dB
IR Distance	N/A
IR On/Off Control	Auto/ Manual
IR LEDs	N/A

Lens

Lens Type	Fixed
Mount Type	Board-in
Focal Length	2.8mm
Max. Aperture	F2.0
Angle of View	H: 89°
Optical Zoom	N/A
Focus Control	Manual
Close Focus Distance	N/A

Pan/Tilt/Rotation

Pan/Tilt/Rotation Range	Pan:0° ~360° ;Tilt:0° ~90° ;Rotation:0° ~360°
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Intelligence

IVS	N/A
Advanced Intelligent Functions	N/A

Video

Compression	H.264 / MJPEG
Streaming Capability	2 Streams
Resolution	720P (1280×720) / D1 (704×480) / CIF (352×240)
Frame Rate	Main Stream - 720P (1 ~ 30fps) Extra/Sub Stream - D1/CIF (1 ~ 30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 56K ~ 8192Kbps
Day/Night	Auto (Electronic) / Color / B/W
BLC Mode	BLC / HLC / DWDR
White Balance	Auto
Gain Control	Auto/Manual
Noise Reduction	3D
Motion Detection	Off / On (4 Zone, Rectangle)
Region of Interest	N/A

Electronic Image Stabilization (EIS)	N/A
Smart IR	N/A
Defog	N/A
Digital Zoom	16x
Flip	0° / 90° / 180° / 270°
Mirror	Off / On
Privacy Masking	Up to 4 areas

Audio

Compression	N/A
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Network

Ethernet	RJ-45 (10/100Base-T)
Wi-Fi	802.11b/g/n
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour
Interoperability	ONVIF, CGI
Streaming Method	Unicast / Multicast
Max. User Access	20 Users
Edge Storage	NAS(Network Attached Storage), Local PC for instant recording, Micro SD Card(up to 128GB)
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	SmartICRSS, DSS
Smart Phone	IOS, Android

Interface

Video Interface	N/A
Audio Interface	N/A
RS485	N/A
Alarm	N/A

Electrical

Power Supply	DC12V
Power Consumption	<4 W

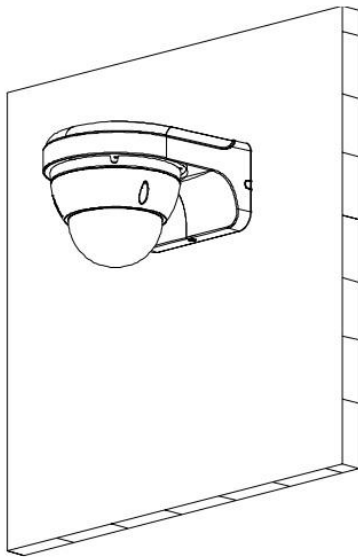
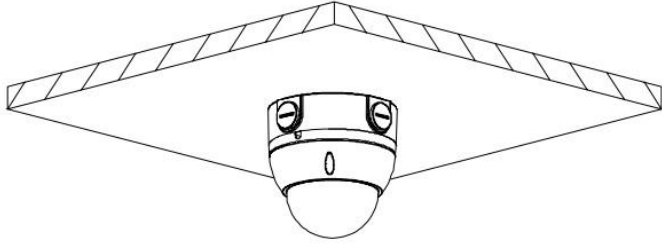
Environmental

Operating Conditions	-22°F~-122°F (-30°C~+50°C), Less than 95%RH
Storage Conditions	-22°F~-122°F (-30°C~+50°C), Less than 95%RH
Ingress Protection	N/A
Vandal Resistance	N/A

Construction

Casing	Metal
Dimensions	4.33"×2.12"/Φ110mm×54mm
Gross Weight	0.55lb/0.25kg

Accessories



Dimensions (mm/in)

