ICIP-DW112
1 MP Indoor/Outdoor, Vandal Mini WiFi Network Dome Camera

IC REALTIME

- 1/4" 1 Megapixel progressive scan CMOS
- H.264 & MJPEG dual-stream encoding
- Max 30fps@720P (1280×720)
- DWDR, Day/Night (ICR), 3DNR, AWB, AGC, BLC
- 3.6mm fixed lens
- Max IR LED length 90'
- Wi-Fi support
- DC12V

System Overview

You asked for WiFi Cameras and we delivered. Throw away the CAT-5 and enter the world of easy installations and wireless nirvana. Enter the ICIP-DW112, a 1MP wireless dome camera with all the bells and whistles you have come to expect. This camera features Day/Night capability with a robust IR beam out to 100 feet of nighttime viewing. It has many extras like digital wide dynamic range, backlight compensation, and noise reduction. The camera runs on 12V and is IP66 rated which means it can handle heavy seas and dust storms.

Environmental
With a temperature range of -30 °C to +50 °C (-22 °F to +122 °F), the camera is designed for extreme temperature environments. Subjected and certified to rigorous dust and water immersion tests, the IP66 rating makes it suitable for demanding outdoor applications.

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

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 CMOS
Effective Pixels	1280 (H) x 720 (V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3 ~ 1/10000
Minimum Illumination	Color: 0.1Lux@F1.8; 0Lux@F1.8 (IR on)
S/N Ratio	More than 50dB
IR Distance	Distance up to 30m(98ft)

Lens

Lens Type	Fixed
Mount Type	Board-in
Focal Length	3.6mm
Max. Aperture	F1.8
Angle of View	H:70°
Optical Zoom	N/A
Focus Control	Fixed
Close Focus Distance	N/A

Video

Compression	H.264 / MJPEG
Streaming Capability	2 Streams
Resolution	720P (1280×720) / D1 (704×576/704×480) / CIF (352×288/352×240)
Frame Rate	Main Stream: 720P (1 ~ 25/30fps)
	Sub Stream: D1/CIF (1 ~ 25/30fps)
	N/A
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 56K ~ 8192Kbps
Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / DWDR
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto / Manual
Noise Reduction	3D DNR
Motion Detection	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Smart IR	Supported
Defog	N/A
Digital Zoom	16x
Flip	0° / 90° / 180° / 270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)

Audio

Compression	N/A

Network

Ethernet	RJ-45 (10/100Base-T)
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	10 Users/20 Users
Edge Storage	NAS(Network Attached Storage) Local PC for instant recording
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, PoE (802.3af)(Class 0)
Power Consumption	<5.4W

Environmental

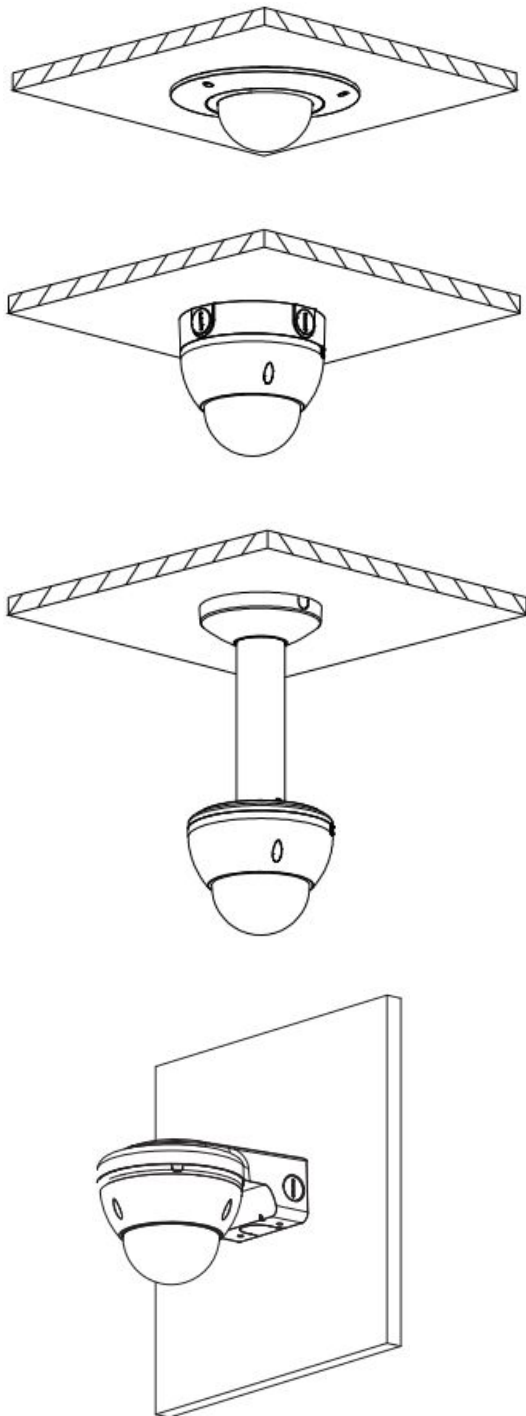|	
Operating Conditions	-30° C ~ +50° C (-22° F ~ +122° F) / Less than 95% RH
Storage Conditions	-30° C ~ +50° C (-22° F ~ +122° F) / Less than 95% RH
Ingress Protection	IP66
Vandal Resistance	IK10

Construction

Casing	Metal+Plastic
Dimensions	Φ4.33"×3.19"/Φ110mm×81mm
Net Weight	N/A
Gross Weight	0.39kg(0.86lb)

Accessories

Dimensions (mm/in)

159.1 [6.26"]

117.9 [4.64"]

⌀159.1 [⌀6.26"]

⌀140.0 [⌀5.51"]

3-⌀4.7 [⌀0.19"]