

ICIP-PW100

1.3MP Wi-Fi Dome PT Camera



- 1/3" 1.3Megapixel progressive CMOS
- H.264 & MJPEG dual-stream encoding
- 25/30fps@1.3M (1280×960)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Max IR LEDs Length 10m
- PoE Capable
- Wi-Fi Support
- Micro SD card slot, up to 128GB

System Overview

When high definition video (720p) and ease of installation is the goal, this small PT camera delivers it all in minutes. The camera can simply be plugged into a wall outlet and connected via WiFi to get it connected and streaming. It features a very wide angle view (62 degrees) due to a 3.6mm fixed lens and 30 feet of IR illumination in total darkness. If that wasn't enough, the camera comes with a 360 degree horizontal pan and a 90 degree vertical pan with 25 programmable presets. Place it on a table or shelf and stream video to your NVR or smartphone. With total movement control via a smartphone app, the camera can be moved with a screen tap wherever the action is taking place. The camera comes with a built-in Ethernet port for those times when WiFi doesn't cut it. In addition, the PT camera comes standard with Digital Wide Dynamic Range, 3D Digital Noise Reduction, and more. This little PT camera doesn't miss a beat.

reliability. In addition, this unit is fully operational from remote locations (Search / Playback / Backup / Configuration) over standard Ethernet networks.

Interoperability

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

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.

Functions

H.264

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:

Technical Specification

Camera

Image Sensor	1/3" 1.3 Megapixel progressive CMOS
Effective Pixels	1280(H) x960(V)
RAM/ROM	256MB/16MB
Scanning System	Progressive
Minimum Illumination	0.01Lux/F1.4 (Color) 0Lux/F1.4(IR on)
S/N Ratio	More than 50dB
IR Distance	Distance up to 10m(33ft)
IR On/Off Control	Auto/ Manual
IR LEDs	2

Lens

Lens Type	Motorized
Mount Type	Board-in
Focal Length	3.6mm
Max. Aperture	F2.0
Angle of View	H:72.2°;V:52.9°
Optical Zoom	N/A
Focus Control	Fixed
Close Focus Distance	N/A

Pan/Tilt/Rotation

Pan/Tilt/Rotation Range	Pan:0° ~355° ;Tilt:0° ~90° ;Rotation:0° ~355°
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Intelligence

IVS	N/A
Advanced Intelligent Functions	N/A

Video

Compression	H.264/H.264B/H.264H/MJPEG
Streaming Capability	2 Streams
Resolution	1.3M(1280×960)/720P(1280×720)/ VGA(640 ×480)/QVGA(320×240)
Frame Rate	Main Stream: 720P(1~25/30fps) Sub Stream: VGA/QVGA(1~25/30fps) N/A
Bit Rate Control	CBR/VBR
Bit Rate	H264:32K ~ 10240Kbps
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)

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

Audio

Compression	G.711A;G.711Mu;AAC
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Network

Ethernet	RJ-45 (10/100Base-T)
Protocol	HTTP;HTTPS;TCP;ARP;RTSP;RTP;UDP;SMTP;FTP; DHCP;DNS;DDNS;IPv4/v6;QoS;UPnP;NTP; Bonjour;Multicast;ICMP;IGMP
Interoperability	PSIA, CGI
Streaming Method	Unicast / Multicast
Max. User Access	10 Users/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

Certifications

Certifications	CE (EN 60950:2000); UL:UL60950-1; FCC: FCC Part 15 Subpart B
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Interface

Video Interface	N/A
Audio Interface	Built-in Mic & Speaker
RS485	N/A
Alarm	N/A

Electrical

Power Supply	DC5V 2A
Power Consumption	<8.2W

Environmental

Operating Conditions	-10°C ~ +45°C (14°F ~ +113°F) / Less than 95% RH
Storage Conditions	10°C ~ +45°C (14°F ~ +113°F) / Less than 95% RH
Ingress Protection	N/A
Vandal Resistance	N/A

Construction

Casing	Plastic
Dimensions	94.4mm x 94.4mm x 94.4mm
Net Weight	0.215Kg(0.47lb)
Gross Weight	0.575Kg(1.27lb)

Dimensions (mm/in)

