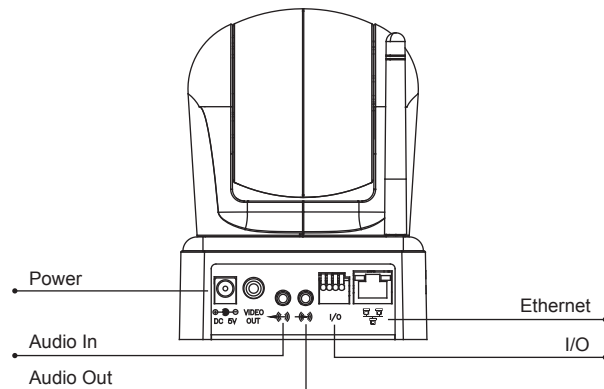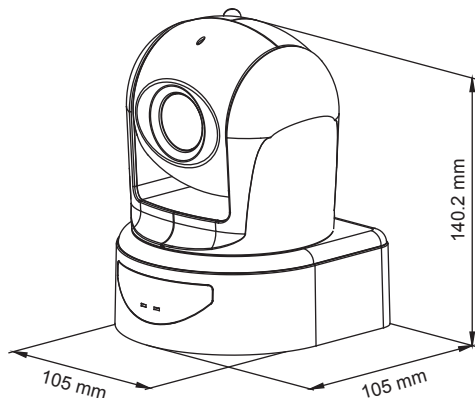# P-416 (W)
12X Optical PTZ Network Camera

MAIN FEATURES

- Remote PTZ Control
- Self-Contained Web Server providing internet capability for remote access
- IR Cut Filter (ICR)
- MPEG-4 / MJPEG Dual Streaming
- SD Card backup

- 2-way audio
- Support 3GPP/ Win CE Cell Phone
- Dual Streaming
- Wireless (optional)
- Free bundle recording software

DIMENSION DIAGRAM

140.2 mm
105 mm
105 mm

Power
Audio In
Audio Out
DC 5V
VIDEO OUT
I/O
Ethernet
I/O

Specifications

Video Compression		MPEG-4 / MJPEG Dual Streaming
Video Resolution		D1: NTSC = 720 x 480; PAL = 720 x 576
		4CIF: NTSC = 704 x 480, PAL = 704 x 576
		CIF: NTSC = 352 x 240; PAL = 352 x 288
		QCIF: NTSC = 176 x 120; PAL = 176 x 144
Bit Rate		32K ~ 4M bits/sec (CBR/VBR configurable)
Frame Rate		Up to 30 FPS
Image Device		1/4" CCD
Lens Type		Auto focus zoom lens; 12X optical zoom; f(wide)3.8 to f(tele)45.6mm; F(wide) = 1:1.6 , F(tele) = 1:2.7
Pan / Tilt Mechanism		Yes, Pan / Tilt angle: 270° / 120°
IR Cut Filter		Day/ Night with ICR
Minimum Illumination		0.1 lux @ F1.6
Video Control		Frame rate, Bit rate (Constant Bit Rate (CBR), Variable Bit Rate (VBR) w/ quality levels), Group of Pictures (GOP) size, Compression Format, Dual Stream, 3GPP mode, RTSP Path
Image Adjustment		Brightness, Contrast, Hue, Saturation,White balance, Shutter speed,Sharpness, IRIS level
Event System	Trigger	GPIN, Motion detection, Network Disconnected, Network IP Check
	Action	GPOUT, FTP, Email, Save to SD card
Local Storage		SD Slot
Network Interface		10/100 Base-T Ethernet
		IEEE 802.11b/g wireless LAN (Wireless model)
Protocols		HTTP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, 3GPP, UPnP
Audio Capability		1 x Buit-in Microphone, 1 x Autio Input, 1 x Audio output
Power Supply		DC 12V, 1A
Power Consumption		8.5W/9.5W
Operation Temperature		0°C ~ 40°C
Operation Humidity		0% ~ 80% RHG
Dimension (L x W x H)		105mm (L) x 105mm (W) x 140.2mm (H)
Net Weight		550g
I/O Connectors		1 x I/O Terminal block for GPIO
		1 x RJ-45 Ethernet connector
		1 x Built-in Microphone
		1 x Audio Input
		1 x Audio output
		1 x RCA Video out
		1 x DC In connector
Package Contents		1 x CD (manual and software)
		1 x Ethernet cable
		1 x AC/DC Power Adapter
		1 x Tool Pack
		1 x Antenna (Wireless model)
		1 x Bracket for ceiling mount