Wireless IP Pan Tilt Night Vision Camera with Built in SD Recorder and 32ft IR Range

**IP-PT-87 OVERVIEW**
- DIY - Do It Yourself (Plug and Play) Easy Installation
- Live - RealTime Viewing, Remote Viewing and Playback
- Wireless IP works with all Cell Phones & Pads,
- iPhone, iPad, Android, Windows Phone.
- Works with your Wi-Fi Internet at home
- Built In Microphone - 2 Way Communication
- Brilliant day time color with .3 Mega-Pixel Images
- View your family or pets from computer at home or work
- Only 11 oz. & 4” Round!
- Built in Motion Deduction - will immediately record intruders to built in recorder or view directly Live!
- Software supports 4 to 8 cameras (build a system) anywhere inside your home or business
- Just place on a shelf or clip on any ceiling

**WHAT’S INCLUDED**
- Mounting bracket
- Hardware
- Power supply
- Remote Viewing & Recording software
- (SD card not included)
### KEY FEATURES

**IP-PT-87 FEATURES:**
- VGA resolution 640x480 (3MP)
- H.264 dual-stream encoding
- Max 30fps @ VGA (640x480)
- Day/Night(ICR), 2DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS & Smart Phone App
- Integrated wired/wireless alarm gateway can connect to various detectors such as IR detectors, magnetic or smoke detectors
- Color
- Max IR length 32’
- Noise Reduction 2D
- AWB
- AGC
- BLC
- Audio IN/OUT
- Lens 4.3mm
- Ethernet RJ-45(10/100 Base-T), Wi-Fi 802.11 b/g
- H.264 - dual stream encoding
- Built In PIR detector
- 4.3mm fixed lens
- 32ft IR Range
- SD memory

### SPECIFICATIONS

**CAMERA**
- Image Sensor: 1/4" VGA CMOS
- Effective Pixels: 640(H)x480(V)
- Scanning System: Progressive
- Electronic Shutter Speed: Auto/Manual 1/25~1/10000 (PAL)
- Min. Illumination: 0.2lux/F1.4(color), 0.1Lux/F1.4(B&W), 0Lux(On)
- S/N Ratio: 50dB
- Video Output: External

**CAMERA FEATURES**
- Max. IR Length: 10m
- Day/Night: Auto(ICR) / Color/B/W
- White Balance: Auto
- Gain Control: Auto
- Noise Reduction: 2D
- Privacy Masking: Four privacy zone

**LENS**
- Focal Length: 4.3mm
- Max Aperture: F1.8
- Angle of View: H:52 Degrees
- Mount Type: Board-in Type

**VIDEO**
- Compression: H.264
- Resolution: VGA(640x480) / CIF(352x288 / 352x240) / QVGA(320x240) / QCIF(176x144 / 176x128) / QQVGA(160x120)
- Frame Rate Main Stream: VGA/CIF/QCIF/QVGA / (1) 25/30fps
- Frame Rate Sub Stream: QQVGA/QQVGA(1 ~ 25/30fps)
- Bit Rate: H.264: 32K ~ 3072Kbps
- Audio Compression: G.711a / G.711u (64kbps) / PCM(128kbps)
- Interface: 1/1 channel In/Out / Build-in Mic

**NETWORK**
- Ethernet: RJ-45 (10/100Base-T), Wi-Fi 802.11b/g
- Protocol: IPv4, HTTP, SSL, TCP/IP, UDP, ICMP, IGMP, RTSP, RTM, SMTP, NTP, DHCP, DNS, PPOE, DDNS, FTP, IP Filler
- ONVIF: Ver. 2.0
- Max. User Access: 10 users
- Smart Phone: iPhone, iPad, Android, Windows Phone

**AUXILIARY INTERFACE**
- Memory Slot: SD, Max 32GB
- PIR Sensor Range: Up to 5meters
- Alarm: External wireless alarm box

**GENERAL**
- Power Supply: DC5V
- Power Consumption: ≤4W
- Working Environment: -10°C~+50°C, 10%~90%
- Dimensions: WxDxH: 102mm x 106mm x 138mm / 4" Round
- Weight: 0.34Kg / 11oz