

# RealCam PTZ Camera

Give everyone the best view in the room

Part #: INA-PTZ-3

**InFocus**  
Collaboration That Works

Add the InFocus RealCam pan/tilt/zoom professional-quality HD camera bundle to your Mondopad (or any other PC) to make your video conferencing meetings shine.

The RealCam, which features a full HD wide-angle video camera, delivers intricately detailed, full HD 1080p video to capture everyone and everything you want to show.

Make applications like Microsoft Lync, Skype, and GoToMeeting come alive with realistic video quality.

Plug it directly into a Mondopad or other PC with USB 3.0 or HDMI, without a separate capture device.



- Full HD 1080p resolution
- Pan, tilt and zoom
- 72.5-degree wide-angle lens
- USB3.0 ultra-high speed interface
- H.265 support enables Full HD images at ultra-low bandwidth
- 12x optical zoom and 32x digital zoom
- Use any PC with any software or OS via USB
- Pan angle of -170° to +170°
- Tilt angle of -30° to +90°

## Broad Range, Flexible Control, Vivid Images

**Quiet pan/tilt action** covers a wide range, ideal for capturing extensive areas when face-to-face discussions are critical.

**225 position presets** make it quick and easy to access the precise settings you use most for pan, tilt, and zoom, focus position, exposure mode, and white balance mode.

**Many options to connect to your device.** With HDMI, USB3.0 and Network Stream this camera can fit most needs. Plus the RealCam can multicast to all at once.

**Control over your network** with RS232, RS485 or USB UVC compatibility.



# Specifications\*

|                                   |  |
|-----------------------------------|--|
| Video System                      | HD: 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25<br>SD: 480i, 576i   |
| Sensor                            | 1/2.7", CMOS, Effective Pixel: 2.07M   |
| Scanning Mode                     | Progressive  |
| Lens                              | 12x, f3.5mm ~ 42.3mm, F1.8 ~ F2.8  |
| Zoom                              | 12x optical, 32x digital   |
| Minimal Illumination              | 0.05 Lux @ (F1.8, AGC ON)  |
| Shutter                           | 1/30s ~ 1/10000s   |
| White Balance                     | Auto, Indoor, Outdoor, One Push, Manual  |
| Backlight Compensation            | Support  |
| Digital Noise Reduction           | 2D&3D Digital Noise Reduction  |
| Video S/N                         | ≥55dB  |
| Horizontal Angle of View          | 72.5° to 6.9°  |
| Vertical Angle of View            | 44.8° to 3.9°  |
| Horizontal Rotation Range         | ±170°  |
| Vertical Rotation Range           | -30° to +90°   |
| Pan Speed Range                   | 1.7° to 100°/s   |
| Tilt Speed Range                  | 1.7° to 69.9°/s  |
| H & V Flip                        | Support  |
| Image Freeze                      | Support  |
| Number of Preset                  | 255  |
| Preset Accuracy                   | 0.1°   |
| <b>USB 3.0 Featured</b>           |  |
| Operating System                  | Windows XP, Windows Vista, Windows 7, Windows 8, Mac OS X, Linux   |
| Color System                      | YUV 4:2:2  |
| Video format                      | USB3.0 : 1080p/60, 1080p/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25<br>USB2.0 : 960x540p/30, 960x540p/25, 640x360p/60, 640x360p/50, 1280x720p/25   |
| USB video communication protocol  | UVC1.0   |
| UVC PTZ                           | Support  |
| <b>IPC Features</b>               |  |
| Video Compression                 | H.265/H.264/MJPEG  |
| Video Stream                      | Main Stream, Sub Stream  |
| Main Stream Resolution            | 1920x1080, 1280x720, 1024x576  |
| Sub Stream Resolution             | 720x576, 720x480, 320x240  |
| Video Bit Rate                    | 128Kbps ~ 8192Kbps   |
| Bit Rate Type                     | Variable Rate, Fixed Rate  |
| Frame Rate                        | 50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps, 720p: 120fps, 640x480p: 240fps   |
| Audio Compression                 | AAC  |
| Audio Bit Rate                    | 96Kbps, 128Kbps, 256Kbps   |
| Support protocols                 | TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.   |
| <b>Input/Output Interface</b>     |  |
| HD Output                         | 1xHDMI: Version 1.3  |
| SD Output                         | 1xCVBS: RCA jack, 1Vp-p, 75Ω   |
| Network interface                 | 1xRJ45: 10/100/1000M Adaptive Ethernet ports   |
| Audio Input                       | 1-ch: 3.5mm Audio Interface, Line In   |
| USB                               | 1xUSB3.0: Type B female jack<br>1xUSB2.0: Type A female jack   |
| Control Input/Output              | 1xRS-232: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P<br>1xRS-232 OUT: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA network use only<br>1xRS-485: 2pin phoenix port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P |
| Power Connector                   | JEITA type (DC IN 12V)   |
| <b>Operational Specifications</b> |  |
| Input Voltage                     | DC 12V   |
| Current Consumption               | 1.0A (Max)   |
| Operating Temperature             | -5°C ~ 40°C  |
| Storage Temperature               | -20°C ~ 60°C   |
| Power Consumption                 | 12W (Max)  |
| Size                              | 6.7 x 5.6 x 6.5 in. / 169 x 142 x 164 mm   |
| Net Weight                        | 3 lbs / 1.35 kg  |



INA-PTZ-3

## Compatible with Major Video Platforms

(up to 1080p if allowed by that service) including Microsoft Skype for Business, Adobe Connect, Citrix GoToMeeting, LifeSize ClearSea, Avistar C3, Cisco Jabber, Skype, Polycom Real Presence Desktop, Radvision Scopia Desktop, and Google Hangout.

Also works with InFocus Mondopad, 121, BigConnect, and ConX.



\*Product specifications, terms, and offerings are subject to change at any time without notice.