TECHVISE®

TECHVISE - T12XFHD

PREMIUM PERFORMANCE AND PROFESSIONAL QUALITY AT THE PERFECT PRICE POINT

HD 1080p Pro PTZ Camera With 12x Optical Zoom

The TECHVISE T12XFHD camera brings effortless access to mid-to-large video conferencing. Combining exceptional 1080p image quality with premium 12x optical zoom, the T12XFHD brings every conversation to life. This wide-angle camera with PTZ control represents a new generation of crystal-clear collaboration. HD 1080p images bring depth to remote interactions, while intelligent colour optimization ensures you never miss a crucial detail.

Superior HD 1080p Clarity in Any Environment

Panasonic 1/2.7" CMOS 2D & 3D DNR WDR

Low lighting conditions aren't a problem anymore. With pioneering 2D and 3D DNR and WDR technology, the T12XFHD can deliver crisp and clear image quality, even in difficult situations. Class-leading camera lens promise 1080p professional visuals, at any distance. Mid to large-sized meetings never looked so good.

Tilt ±30°   HFoV 72.5°   Pan ±170°

Wide-angle PTZ Performance for Complete Coverage

Tilt ±30° Pan ±170°   HFoV 72.5° Up to 255 presets

Make sure everyone in your meeting gets the attention they deserve. HFoV 72.5° aligned with wide-angle pan and tilt control ensures full-room visibility. You can choose from 255 presets to help you jump between whiteboards and speakers instantly. With whisper-quiet motor functionality, your P10 camera won't steal the spotlight from your conversation.

Focus on the parts of your meeting that matter most to you. 12x optical zoom and 16x times digital zoom means you can bring your audience's attention to even the finest details of your presentation, without any loss of clarity. Responsive autofocus keeps images sharp and clear, even after zooming.

12x Optical Zoom & 16x Digital Zoom for Exceptional Image Quality Anywhere

12x optical zoom | 16x digital zoom

Product Feature

- **Completely New Look** : Designed with worm gear transmission, completely new look, mini size.   Full Function USB Interface
- **Full function USB interface :** compatibility USB3.0 and USB2.0, support audio, support compressed video output, support UVC v1.5 protocol.
- **1080P Full HD** : Apply Panasonic's 1/2.7 inch, 2.07 million effective pixels high quality HD CMOS sensor, can reach maximum 1920 x 1080 high resolution and achieve quality image.
- **Ultra high compatibility** : Compatible with USB 3.0 and USB 2.0, support UVC v1.5 protocol, and support almost all video conference software on the market.
- **72.5° Wide-angle Lens + 16x Digital Zoom :** Use 72.5°wide-angle high quality lens, support 12x optical zoom, and 16x digital zoom.
- **Low-light** : High SNR of CMOS sensor combined with 2D and 3D noise reduction algorithm, effectively reduce the noise, even under low illumination conditions, picture can still keep clean and clear.
- **Remote Control :** Using RS232/USB, all the parameters of the camera can be remote controlled by the high-speed communications.
- **H.264 Slice/ H.264 SVC Support :** Support Slice and SVC encoding mode, adapts to video conference of advance USB application.
- **Dual stream :** Support two stream output (YUY2, MJPEG, H.264 each of both), reduce the host codec pressure
- **USB infrared transmission (Optional)** : Base on customer needs, transmit infrared code value

Camera Parameters	
Pixel	207M
Video System	1080P, 720P, 540P, 480P, 360P, 240P etc.
Sensor	1/2.7inch, CMOS
Scanning Mode	Progressive
Lens	12x, f3.5mm~42.3mm, F1.8 ~ F2.8.
Digital Zoom	16x
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s~1/10000s
White Balance	VAR(2500K~8000K).
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction.
Video S/N	≥ 55dB
Horizontal Angle of View	72.5° ~ 6.9°
Vertical Angle of View	44.8° ~ 3.9°
Horizontal Rotation Range	± 170°
Vertical Rotation Range	-30 ° ~ +30°
Pan Speed Range	1.7° ~ 100° /s
Tilt Speed Range	0.7° ~ 28° /s
H & V Flip	Support
Image Freeze	Support
Number of Preset	255
Preset Accuracy	0.1°
Video Format	YUY2 (BULK): max to 1080P@30fps YUY2 (ISOC): max to 1080P@30fps H.264 AVC: max to 1080P@30fps H.264 SVC: max to 1080P@15fps MJPEG: max to 1080P@28fps

USB Featured	
Operate System	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
Color System / Compression	YUV 4:2:2 / H.264 / MJPEG

I/O Port	
USB 3.0	1
RS232 IN	1
RS232 OUT	1
DC IN	1

Physical Specifications	
Dimension L× H× D	128.5 × 118 × 156.2mm
Net Weight	0.91Kg

Power	
Input Voltage	DC 12V
Current Consumption	1.0A (Max)
Power Consumption	12W (Max)

Environmental Conditions	
Operation Temperature	-10 ℃~40 ℃
Storage Temperature	-40 ℃~ 60 ℃

Product weight and dimension are approximately and features & technical specifications mentioned may change without any prior notice. All images are for representation only & may differ from actual product.