

TECHVISE[®]

TECHVISE T10X-FHD delivers instant real time, face-to-face experience through its powerful design that enhances your collaboration experience; it provides great productivity benefits to transform your business. TECHVISE T10X-FHD seamlessly connects with your PC / Laptop over USB, so now conduct your large room meetings more ideally, and capture real time speaker expressions and reactions and to effectively communicate with your dispersed teams, Partners



Product Features

Full Function USB Interface

Full function USB interface, support audio, support compressed video output.

1080P Full HD

2.07 million effective pixels high quality HD CMOS sensor, can reach maximum 1920 x 1080 high resolution and achieve quality image.

Ultra-high Frame Rate

The output frame rate up to 30fps in 1080P.

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 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

Dual power supply



Product Specifications

Camera

Video System	: 1080P, 720P, 540P, 480P, 360P, 240P etc.
Sensor	: 1/2.7", CMOS, Effective Pixel: 2.07M
Scanning Mode	: Progressive
Lens	: 10x, f4.7mm ~ 46.3mm, F1.8 ~ F2.8
Digital Zoom	: 16x
Minimal Illumination	: 0.5 Lux @ (F1.8, AGCON)
Shutter	: 1/30s ~ 1/10000s
White Balance	: Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push,
Backlight Compensation	: Support
Digital Noise Reduction	: 2D&3D Digital Noise Reduction
Video S/N	: ≥55dB
Horizontal Angle of View	: 58.5° ~ 6.5°
Vertical Angle of View	: 35.1° ~ 3.6°
Horizontal Rotation Range	: ±170°
Vertical Rotation Range	: -30° ~ 90°
Pan Speed Range	: 2.7° ~ 35.7°/s
Tilt Speed Range	: 2.7° ~ 31.5°/s
H & V Flip	: Support
Image Freeze	: Support
Number of Preset	: 255
Preset Accuracy	: 0.1°

USB Featured

Operate System	: Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
Color System /	: YUV4:2:2 / H.264 / MJPEG
Video Format	: H.264 AVC: max to 1080P@30fps H.264 SVC: max to 1080P@30fps MJPEG: max to 1080P@30fps
USB Video Communication Protocol	: UVC 1.0
UVC PTZ	: Support

Input/Output Interface

USB Interface	: 1xUSB2.0: Type B female jack
Communication Interface	: 1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: /Pelco-P
Power Jack	: JEITA type (DC IN 12V)/USB B type (DC IN 5V)

Generic Specification

Input Voltage	: DC 12V
Current Consumption	: 0.5A (Max)
Operating Temperature	: -10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	: -40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	: 5W (Max)
MTBF	: >30000h
Size	: 141.3mm x 153mm x 163.6mm
Net Weight	: 1.153 KG

**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.*

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