

Kramer K-CAM4K 4K PTZ Camera and 4K UHD Camera/71-degree Wide-Angle Lens and 12 Times Optical Zoom

PORTS

- USB 3.0: On a USB type B connector Up to 4K@30fps compressed video and 1080P original video can be output
- RS-232 IN: On an 8-pin Min DIN, Max Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P
- RS-232 OUT: On an 8-pin Min DIN, Max Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P
- RJ-45: 10/100/1000M Adaptive Ethernet Port
- RS-485: On a 2-pin phoenix connector, Max Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P
- Audio Line In: On a 3.5mm mini jack
- HDMI: On an HDMI connector
- 3G-SDI: On a BNC connector, 800mVp-p, 75Ω. Along to SMPTE 424M standard

CAMERA

- Video System: HDMI: 1080P60, 1080P50, 1080I60, 1080I50, 1080P30, 1080P25, 720P60, 720P50, 1080P29.97, 1080I59.94, 1080P59.94, 720P59.94, 4KP29.97, 4KP25, 4KP30
- Video System: 3G-SDI: 1080P60, 1080P50, 1080I60, 1080P59.94, 1080I59.94, 1080I50, 1080P30, 1080P29.97, 1080P29.97, 1080P25, 720P60, 720P59.94, 720P50
- Sensor: 1/2.5 inch, CMOS, Max Effective Pixel: 8.51M
- Scanning Mode: Progressive
- Lens: 12x, f = 4.4mm ~ 52.8mm, F1.8 ~ F2.6
- Digital Zoom: 16x
- Minimal Illumination: 0.5 Lux @ (F1.8, AGC ON)
- Shutter: 1/30s ~ 1/10000s
- White Balance: Auto, Indoor, Outdoor, One Push, Manual
- Backlight Compensation: Support
- Digital Noise Reduction: 3D Digital Noise Reduction
- Video S/N: ≥55dB
- Horizontal Angle of View: 71° ~ 8.2°
- Vertical Angle of View: 42.7° ~ 4.5°
- Horizontal Rotation Range: ±170°
- Vertical Rotation Range: ±30°
- Pan Speed Range: 1.6°/s ~ 76°/s
- Tilt Speed Range: 0.5°/s ~ 15°/s
- H & V Flip: Support
- Image Freeze: Support
- Number of Presets: 255
- Preset Accuracy: 0.1°

USB FEATURES

- Video Format: YUY2: max to 1080P@30fps
- Video Format: H.264 AVC/SVC: max to 2160P@30fps
- Video Format: MJPEG: max to 4K@30fps
- Operating System: Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
- Color System / Compression: YUY2 / MJPEG / H.264 / H.265
- USB Audio: Support
- USB Video Communication Protocol: UVC 1.1~1.5
- UVC PTZ: Support

NETWORK

- Video Compression: H.264/H.265/MJPEG
- Video Stream: First Stream, Second Stream
- First Stream Resolution: 3840x2160, 1920x1080, 1280x720, 1024x576, 720x480, 720x408, 640x480, 640x360
- Second Stream Resolution: 720x480, 720x408, 640x480, 640x360, 480x320, 320x240
- Video Bit Rate: H264: ~60Mbps MJPEG: ~200Mbps
- Bit Rate Type: Variable Rate, Fixed Rate
- Frame Rate: 50hz: 4K max to 30fps, 1080P max to 50fps
- Frame Rate: 60hz: 4K max to 30fps, 1080P max to 60fps
- Audio Compression: G711A, AAC
- Audio Bit Rate: 96K, 128K
- Protocols: TCP/IP, HTTP, RTSP, RTMP/RTMPS, ONVIF, DHCP, SRT, Multicast

CONTROLS

- IR Remote Control Transmitter: OSD
- Web Interface: Embedded webpages

POWER

- Source: 12V DC, 2A max
- Consumption: 12W max

ENVIRONMENTAL CONDITIONS

- Operating Temperature: -10° to +40°C (14° to 104°F)
- Storage Temperature: -40° to +60°C (-40° to 140°F)
- Humidity: 10% to 90%, RHL non-condensing
- Altitude: Below 5000 meters

REGULATORY COMPLIANCE (STANDARDS COMPLIANCE)

- Safety: CE, FCC
- Environmental: RoHs, Reach

ENCLOSURE

- Type: Aluminum and plastic

GENERAL

- Net Dimensions (W, D, H): 14.5cm x 9.8cm x 15cm (5.7" x 3.9" x 5.9")
- Shipping Dimensions (W, D, H): 23cm x 23cm x 25cm (9" x 9" x 9.8")
- Net Weight: 0.94kg (2.1lbs) approx
- Shipping Weight: 2.6kg (5.7lbs) approx

ACCESSORIES

- Included: Power adapter and cord, IR remote control transmitter, 1 USB 3.0 cable, wall bracket kit, and lens cover

PRODUCT DIMENSIONS

- 23.50cm x 14.50cm x 17.00cm (9.25" x 5.71" x 6.69") W, D, H

PRODUCT WEIGHT

- 1.4kg (3.1lbs) approx.

SHIPPING DIMENSIONS

- 30.00cm x 24.50cm x 24.50cm (11.81" x 9.65" x 9.65") W, D, H

SHIPPING WEIGHT

- 3.4kg (7.4lbs) approx.