



# kramer

## K-CamHD

1080p PTZ Camera, HD 1080p Pro PTZ  
Camera with 12x Optical Zoom

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Professional HD camera for versatile video capture  
Get a clear view of all meeting attendees, with special attention wherever it's needed. This 1080p PTZ camera is equipped with high-power optical and digital zooms, ideal for zooming-in on specific participants in mid-sized and large video conferencing spaces. Silent PTZ movement and simple control let you capture only what you want, when you want it

## FEATURES

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### **Versatile, high-quality video -**

Wide-angle image capture with advanced PTZ control provides complete coverage of medium and large spaces, such as boardrooms, classrooms and auditoriums

Outstanding image detail, with 1080p resolution, 12x optical zoom plus 16x digital zoom, and intelligent color optimization

Clear image quality even in low light, with 2D and 3D digital noise reduction (DNR) and wide dynamic reduction (WDR)

Easy, instant jumping between whiteboards and speakers, with a choice of 255 pre-set views

### **Simple deployment and operation -**

Plug and play connection with a USB cable

All operation, including pan, tilt and zoom, are easily controlled from any Kramer control interface

Works with other meeting devices via IR and RS232 communication, enabling continued use of existing AV infrastructure



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## TECHNICAL SPECIFICATIONS

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|--------------|--|
| Ports        | USB 3.0: On a USB type B connector<br>RS-232 IN: On a VISCA connector<br>RS-232 OUT: On a VISCA connector  |
| Camera       | Pixel: 207M<br>Video System: 1080P, 720P, 540P, 480P, 360P, 240P etc<br>Sensor: 1/2.7inch, CMOS<br>Scanning Mode: Progressive<br>Lens: 12x, f3.5mm~42.3mm, F1.8 ~ F2.8<br>Digital Zoom: 16x<br>Minimal Illumination: 0.5 Lux @ (F1.8, AGC ON)<br>Shutter: 1/30s~1/10000s°<br>White Balance: Auto, Indoor, Outdoor, One Push, Manual, VAR(2500K~8000K)<br>Backlight Compensation: Support<br>Digital Noise Reduction: 2D&3D Digital Noise Reduction<br>Video S/N: ≥55dB<br>Horizontal Angle of View: 72.5°~ 6.9°<br>Vertical Angle of View: 44.8°~ 3.9°<br>Horizontal Rotation Range: ±170<br>Vertical Angle of View: 44.8°~ 3.9°<br>Horizontal Rotation Range: ±170<br>Vertical Rotation Range: -30°~ +30<br>Pan Speed Range: 1.7°~ 100°/s<br>Tilt Speed Range: 0.7°~ 28°/s<br>H & V Flip: Support<br>Image Freeze: Support<br>Number of Presets: 255<br>Preset Accuracy: 0.1° |
| Video Format | YUY2 (BULK): Up to 1080P@30fps<br>YUY2 (ISOC): Up to 1080P@30fps<br>H.264 AVC: Up to 1080P@30fps<br>H.264 SVC: Up to 1080P@15fps<br>MJPEG: Up to 1080P@28fps   |
| USB Features | Operating System: Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android   |

Color System / Compression: YUV 4:2:2 / H.264 / MJPEG

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| Controls                                     | IR Remote Control Transmitter: OSD<br>PC: Embedded web pages  |
| Power  | Source: 12V DC, 2A max<br>Consumption: 12V DC, 800mA max  |
| Environmental Conditions                     | Operating Temperature: 0° to +40°C (32° to 104°F)<br>Storage Temperature: -20° to +60°C (-4° to 140°F)<br>Humidity: 10% to 90%, RHL non-condensing<br>Altitude: Below 5000 meters<br>Altitude: Below 5000 meters            |
| Regulatory Compliance (Standards Compliance) | Safety: CE, FCC<br>Environmental: RoHs, WEEE<br>Safety: CE, FCC<br>Environmental: RoHs, WEEE  |
| Enclosure                                    | Type: Aluminum<br>Type: Aluminum  |
| General                                      | Net Dimensions (W, D, H): 14.5cm x 9.8cm x 15cm (5.8" x 3.8" x 5.9")<br>Shipping Dimensions (W, D, H): 23cm x 23cm x 25cm (9" x 9" x 9.8")<br>Net Weight: 0.94kg (2.1lbs) approx<br>Shipping Weight: 2.61kg (5.7lbs) approx |
| Accessories                                  | Included: Power adapter and cord, 1 USB-C cable, remote controller, wall bracket, screws set, lens cover  |
| Product Dimensions                           | 14.50cm x 9.80cm x 15.00cm (5.71" x 3.86" x 5.91" ) W, D, H   |
| Product Weight                               | 0.9kg (2.1lbs) approx   |
| Shipping Dimensions                          | 23.00cm x 23.00cm x 25.00cm (9.06" x 9.06" x 9.84" ) W, D, H  |
| Shipping Weight                              | 2.6kg (5.8lbs) approx   |

