

Nearity

NEARITY V35 USB 2.0 HD Video Conference Camera



Main Features

- **Full Function USB Interface**

High speed USB interface, support compressed video output, support UVC protocol.

- **1080P Full HD**

Apply Panasonic's 1/2.8 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**

Support UVC v1.1 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 RS232/485 interface, all the parameters of the camera can be remote controlled by the high-speed communications.



Nearity V35 Technical Specifications

Camera features

- Video resolutions: 1080P/30, 1080P/25, 720P/30, 720P/25 etc.
- Progressive Scan
- Lens: 12x, f3.5mm ~ 42.3mm, F1.8 ~ F2.8
- Digital zoom: 16x
- Minimum illumination: 0.5Lux @ (F1.8, AGC ON)
- Shutter: 1/30s ~ 1/10000s
- White balance supported
- Backlight compensation supported
- 2D&3D Digital noise reduction
- Video S/N \geq 55dB
- FOV(H): 72.5° ~ 6.9°
- FOV(V): 44.8° ~ 3.9°
- Horizontal Rotation Range: \pm 170°
- Vertical Rotation Range: \pm 30°
- Pan Speed Range: 1.7° ~ 100°/s
- Tilt Speed Range: 0.7° ~ 28°/s
- H & V Flip supported
- Image Freeze Supported
- Preset Accuracy: 0.1°

USB features

- Operate systems: Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
- Video Format:
YUY2 (ISOC): max to 640x480P@30fps
H.264 AVC: max to 1080P@30fps
MJPEG: max to 1080P@30fps
- UVC PTZ supported

Input/Output Interface

- 1 Communication Interface:
1xRS232 In: 8pin Min DIN, MaxDistance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
1xRS232 Out: 8pin Min DIN, MaxDistance: 30m, Protocol: VISCA network use onlyx USB2.0: Type B female jack
- Power Jack: JEITA type (DC IN 12V)

Generic Specification

- Input Voltage: DC 12V
Current Consumption: 1.0A (Max)
- Operating Temperature: -10°C ~ 40°C (14°F ~ 104°F)
- Power Consumption: 12W (Max)
- MTBF>30000h
- Size: 128.5mm x 118mm x 156.2mm
- Net Weight: 0.91Kg

* All tech specs are subject to change without notice.