



RAPOO-R-PLM-064

C1612
Product Information

Rev: A.1

| | | | |
|---|---|-------------------------------|--|
| Product Name | | HD Video Conference Camera | |
| Orientation | | High Level | |
| | | Planned time to market | TBD |
| Features | | | |
| 1 | 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. | | |
| 2 | Support 12x Optical Zoom + 16x Digital Zoom Support 12x optical zoom, and 16x digital zoom. | | |
| 3 | 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. | | |
| 4 | Remote Control Multiple controlling method, RS232, RS485, network and USB interface support for remote controlling. | | |
| 5 | H.264 Slice/ H.264 SVC Support Support Slice and SVC encoding mode, adapts to video conference of advance USB application. | | |
| 5 | Multiple interfaces Support HDMI, USB3.0 and LAN interface can output HD video at the same time. | | |
| 6 | Three power supply methods Supports USB 5V power supply, 12V power adapter power supply and PoE power supply. | | |
| Charging Base specification | | | |
| Product dimension (W×H mm) | 144*144*168mm | Package dimension (L×W×H mm) | 240*240*250mm |
| (Carton) Carton Dimensions (Length×width×Height mm) | 480*480*270mm | Packing quantity(Pcs) | 4 |
| Product weight(g) | 1.17KG | Packing weight (g) | 2.2KG |
| Material | PC/ABS | | |
| Camera | | | |
| Sensor | 1/2.8", CMOS, Effective Pixel: 2.07M | Video System | 1080P60, 1080P50, 1080P30, 1080P25, 720P60, 720P50 |
| Lens | 12x, f3.5mm ~ 42.3mm, F1.8 ~ F2.8 | Digital Zoom | 16x |
| Scanning Mode | Progressive | Minimal Illumination | 0.5 Lux @ (F1.8, AGC ON) |
| Shutter | 1/30s ~ 1/10000s | Digital Noise Reduction | 2D&3D Digital Noise Reduction |
| White Balance | Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push, Manual | Backlight Compensation | Support |
| Video S/N | ≥55dB | Horizontal Rotation Range | ±170° |
| Diagonal Angle of View | 85.7° | Vertical Rotation Range | -30° ~ +90° |
| Horizontal Angle of View | 72.5° ~ 6.9° | Pan Speed Range | 2.7° ~ 35.7°/s |
| Vertical Angle of View | 44.8° ~ 3.9° | 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/Compression | YUV 4 / H.264 / MJPEG |
| Video Format | YUY2 (ISOC): max to 1080P@60fps H.264 AVC: max to 1080P@60fps H.264 SVC(optional): max to 1080P@60fps MJPEG: max to 1080P@60fps | Audio on USB | Support |
| USB Video Communication Protocol | UVC 1.1~1.5 | UVC PTZ | Support |
| IPC Features | | | |
| Video Compression | H.264/MJPEG | | |
| Video Stream | Main Stream, Sub Stream | | |
| Main Stream Resolution | 1920x1080, 1280x720, 1024x576, 960x540, 640x480, 640x360 | | |
| Sub Stream Resolution | 1280x720, 1024x576, 720x480, 720x408, 640x360, 320x240, 320x180 | | |
| Video Bit Rate | 32Kbps ~ 102400Kbps | | |
| Bit Rate Type | Variable Rate, Fixed Rate | | |
| Frame Rate | 50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps | | |
| Audio Compression | AAC | | |
| Audio Bit Rate | 96Kbps, 128Kbps, 256Kbps | | |
| Support protocols | TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc. | | |
| Input/Output Interface | | | |
| USB Interface | 1xUSB3.0: Type-C Jack | | |
| HD output | 1xHDMI1.4b | | |
| Network Interface | 1xRJ45: 10M/100M Ethernet Interface | | |
| Audio Interface | 1-ch: 3.5mm Audio Interface, Line In | | |
| Communication Interface | 1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P 1xRS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P | | |
| Power Jack | JEITA type (DC IN 12V)/USB B type (DC IN 5V) /PoE | | |
| Generic Specification | | | |
| Input Voltage | DC 12V/DC 5V/PoE(802.3af) | | |
| Current Consumption | 1.0A (Max) | | |
| Operating Temperature | -10°C ~ 40°C (14°F ~ 104°F) | | |
| Storage Temperature | -40°C ~ 60°C (-40°F ~ 140°F) | | |
| Power Consumption | 12W (Max) | | |
| MTBF | >30000h | | |
| Attention | Do not disassemble this product. Do not use this product in hot, cold, dusty or humid environments. Do not touch the lens with hands, sharp objects or rough objects. Please wipe with a clean soft cloth. Try not to throw this product, in order to avoid lens damage, camera failure or surface scratches." | | |
| Color | Black | Packaging Type | Cowhide box |
| Others | | | |
| System Requirements | Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android | | |
| Compatible Software | Skype, Zoom, Google Hangouts, Face Time for Mac, QQ, Weixin, | | |
| Package contents | webcam, Quick start guide | | |
| Warranty | One-year warranty | | |
| Remark | / | | |



*All product outward appearance, the color take the material object as, the picture only supply the reference.

Draft: _____ Check: _____ Approve: _____