

RGBlink NDI 4K PTZ Camera 12X Optical Zoom

Connectors

Video(Output)

HDMI: 1×HDMI-A

USB3.0: 1×USB-B

LAN: 1×RJ45

Audio Input

1×3.5mm Stereo Jack (audio embedded only in net-stream)

Communication

RS232 In/Out 2×DIN 8

RS422 (RS485) 1×4Pin Terminal

Performance Camera

Optical Zoom: 12X

Focus: $f=3.85\text{ mm} \sim 43.06\text{ mm} \pm 5\%$

View Angle Horizontal: $7.59^\circ(\text{tele}) \sim 80.4^\circ(\text{wide})$ Tilt: $4.6^\circ(\text{tele}) \sim 50.0^\circ(\text{wide})$

Effective Pixels: 8.51m, 16:9

Aperture: $F1.8 \sim F3.56 \pm 5\%$

Minimum Illumination: 0.05 lux (F1.8, AGC ON)

DNR: 2D & 3D DNR

White Balance: Auto/Manual/One Push/Specified color temperature

Focus Mode: Auto/Manual/One Push

Explosure Mode: Auto/Manual/Shutter Priority/Iris Priority/Whiteness Priority

Shutter Speed: $1/25 \sim 1/10000$

Dynamic range: OFF/Dynamic level adjustment

BLC: ON/OFF

Video Adjustment: Brightness/Color/Saturation/Contrast/Sharpness/B/W mode/Gamma curve

SNR: $\geq 50\text{dB}$

Pan-and-Tilt Parameter

Pan/Tilt Rotation: $-110^\circ \sim +110^\circ / -30^\circ - +30^\circ$

Pan/Tilt Control Speed: $0.1 \sim 100^\circ/\text{S}$; $0.1 \sim 70^\circ/\text{S}$

Preset Speed/Numbers: Pan: $100^\circ/\text{S}$, Tilt: $70^\circ/\text{S}$; Up to 255 preset positions (10 remote control)

Audio Compression

Format: AAC,MP3,G.711A

Video Compression

Format: LAN:H.264, H.265 USB3.0: MGPG, H.264, YUY2, NV12

Output Resolutions

HDMI:

SMPTE: 720p@50/60 | 1080i@50/60 | 1080p@25/30/50/60 | 2160p@25/30/50/60

USB 3.0:

YUY2/NV: 1280×176@25/30 | 640×360@25/30 | 640×480@25/30 | 960×540@25/30 | 1280×720@25/30 | 1920×1080@25/30

MJPEG/H.264/H.265: 320×176@25/30 | 640×360@25/30 | 640×480@25/30 | 960×540@25/30 | 1280×720@25/30 | 1920×1080@25/30 | 3840×2160@25/30

Control Protocol

VISCA | Pelco-D | Pelco-P

Baud Rate(bps)

115200 | 9600 | 4800 | 2400bps

Network Protocol

RTSP | RTMP | ONVIF | GB/T28181 | NDI | VISCA

Power

Input Voltage: DC12V

Max Power: 12W

Environment

Temperature: -10°C~50°C

Humidity: 20%~80%

Physical

Weight: 1.7kg

Dimension: 220mm×144mm×159mm