4K PTZ Camera

DC-PTZ12-4K

DESCRIPTION:

DGX Digital's DC-PTZ12-4K Series is a high-performance 4K PTZ camera designed for professional applications. Featuring a 1/2.8" SONY CMOS image sensor, it delivers exceptional image quality with 4K resolution at 60fps. To ensure optimal framing, the DC-PTZ12-4K Series offers a range of optical zoom options including 3x, 10x, 12x, and 20x. This allows you to focus on specific individuals or objects, creating a more engaging and immersive experience.

For easy control and integration, the camera supports various communication protocols such as RS232, RS485, USB, and IR remote control. With its built-in electro mechanical PTZ system, the DC-PTZHD offers smooth and precise pan and tilt movements, making it ideal for a variety of applications including video conferencing, live streaming, and surveillance.

FEATURES:

- **1080P@60FPS Resolution:** Delivers high-quality images and smooth video playback.
- **4K Video Capture:** Offers exceptional detail and clarity for demanding applications.
- **3x/10x/12x/20x Optical Zoom:** Provides flexibility to focus on specific subjects or areas.
- **Remote Control:** Can be controlled using RS232, RS485, USB ports, or IR remote.
- **Electro Mechanical PTZ:** Offers precise and smooth pan and tilt movements.

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SPECIFICATIONS:

Model	DC-PTZ12-4K
Sensor	1/2.8''SONY CMOS
Effective Pixels	8.29mega pixel
Video Signals	4K@30/25,1080p@60/50/30/25fps, 720p@60/50/30/25fps
Zoom	12x optical zoom
Lens	F=3.42-40.02mm
Aperture	F1.88-3.77
Horizontal Angle	80.56(W)-7.89°(T)
Vertical Angle	49.61°(W)-4.46°(T)
Diagonal Angle	89.51°(W)-9.04°(T)
Video Output	USB 3.0, HDMI
LAN	-
Network Protocol	-
Video Encoding Format	H.264, H.265, MJPG, YUY2
Video Resolution	4K(3840*2160)
Signal Standard	NTSC/PAL
Preset Position	User can set up to 255 presets (10 presets by IR remote)
Control Interface	RS-232 (input only), RS-485, USB
Shutter	1/30s-1/10000s, auto
Baud Rate	2400/4800/9600/38400bps
Control Protocol	VISCA, PELCO-D, PELCO-P(RS-232, RS-485)
USB Protocol	UVC1.1
Minimal Illumination	0.1Lux
SNR	≥50dB
Horizontal Rotation	350° (±175°) 0.1°/s ~ 100°/s
Vertical Rotation	180° (±90°)0.1°/s ~ 80°s
Power Supply	DC 12V/2A
Power Consumption	12W
Work Temperature	0°C to 40°C
Product Size	247.1*152*169.6mm/285*217*197mm (Before/After Packing)
Product Weight	1.37kg/2.45kg (Net/Gross Weight)