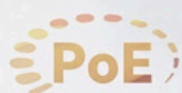


DMInteract[®]

From Visualization to Collaboration

DM-12U

4K Live Streaming PTZ Camera with AI Auto Tracking



4K
UHD



Multi
interface

NDI | HX2



DMInteract DM-12U is equipped with the latest NDI|HX2 SDK, POE, USB 3.0, Sony Sensor, 12X optical zoom, and a true 4K Ultra-HD image system, delivering sharp video, outstanding color, and exceptional optical accuracy. Its built-in AI technology optimizes light balance to emphasize faces and render natural-looking skin tones even in dim or backlight conditions, while the advanced AI Humanoid Auto Tracking feature ensures precise and smooth auto-framing of speakers for enhanced engagement. Additionally, the 12x optical zoom with wide horizontal angle enables the DM-12U to easily meet the needs of medium- to large-sized meeting rooms.

4K Ultra HD, Extraordinary Clear and Realistic Video Conferencing Experience

DMInteract DM-12U features a Sony IMX415 1/2.8" CMOS Sensor and 4K Ultra HD imaging, delivering sharp, detailed visuals without pixelation—even on large screens. Its 8.29-megapixel resolution and advanced sensor technology ensure lifelike video quality for seamless collaboration.



AI Humanoid Auto Tracking

DMInteract DM-12U AI Humanoid Auto Tracking technology leverages the latest human detection AI algorithms for swift and precise tracking. Presenter Tracking mode offers strong locking and anti-interference capabilities, allowing presenters to freely interact with their audience. Zone Tracking mode focuses on a specific area, perfect for highlighting presentations or demonstrations.



12X Optical Zoom Capture More Detail Without Compromising Quality

The **DMInteract DM-12U** 12x optical zoom delivers sharp, highly detailed video—even when magnified. Zoom in close, and the image remains true-to-life and distortion-free, just as the human eye sees it.



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DM-12U

Multi-Interface Design for Ultimate Flexibility

The **DMInteract DM-12U** features USB 3.0, HDMI, and RJ45 connectivity, delivering versatile conferencing solutions. With USB 3.0's 10x faster transfer speed (versus USB 2.0), it ensures smooth, lag-free meetings. For large-screen setups, its HDMI output provides seamless display integration.



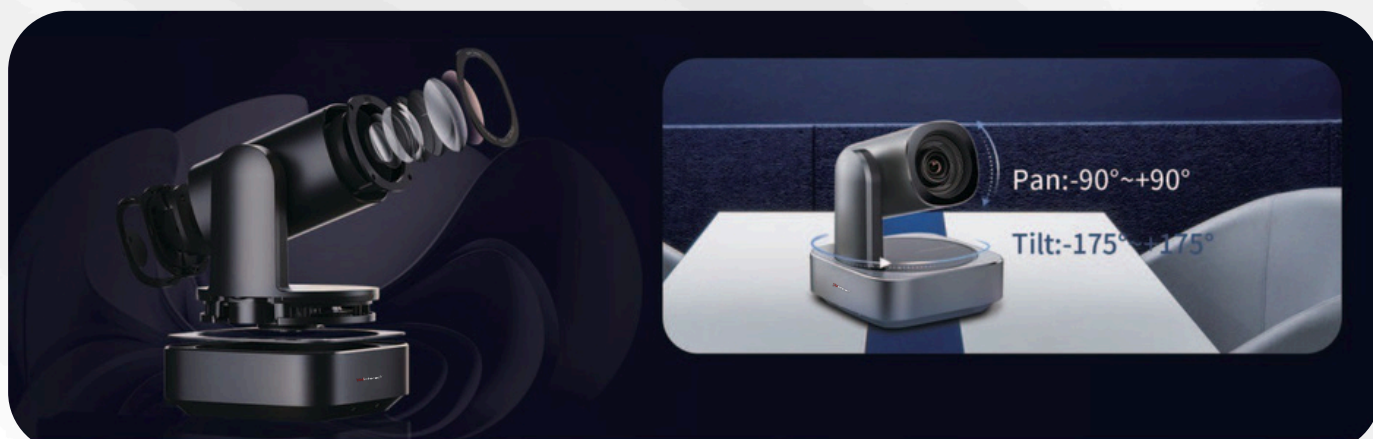
Integrated PoE and Zero-Latency Live Streaming

The RJ45 output of the **DMInteract DM-12U** supports video live streaming via RTMP/RTSP protocols and PoE functionality. With just a single Ethernet cable, you can enable remote conferencing while eliminating cable clutter boosting both convenience and work efficiency.



HD Wide-Angle Lens - A Broader, Clearer Perspective

The **DMInteract DM-12U** features a 70" wide-angle lens, capturing expansive views with exceptional clarity. Experience smooth, silent operation with its +90" tilt and +175" pan rotation, delivering seamless coverage without disruptive movement.



Camera	
Model No. Image Sensor Effective Pixels Lens Aperture Optical Zoom Horizontal Angle Vertical Angle Diagonal Angle Backlight Compensation	DMInteract DM-12U Sony IMX415 1/2.8" CMOS B29MP, 16.9 f =3.9-46.8mm F1.6-F9.6 12x zoom 70.82"(W)-6.48°(T) 47.72"(W)-73.66°(T) 78.58(W)-7.42 (T) Support
Video Format	NDI@JHX(1920*1080@15-60: 1280*720@15-60:1024*576@15-60: 640*360@15-30)(low bandwidth mode) HDMI(4KP@30/25fps, 1080P@60/50/30/25fps.720P@60/50/30/25fps). USB3.0(3840*2160P@30fps,2560*1440P@30fps 1920*1080P@30fps, 1280*720P@30fps, 640*480P@30fps 320*240P@30fps. Note: learn more about VL series:VL10N(NDI, 10X, 1080P@60fps); VL20N(NDI, 20X, 1080P@60fps)
General Parameters	
Operation Systems	Windows 7, Windows 8.1, Windows 10, Windows 11, Android, Mac OS 10.10 or higher, Linux (Require to support UVC.)
Input Voltage Input Current Power Consumption	DC 12V 1.0A (Max.) 13W (Max.)
Store Temperature Store Humidity Working Temperature Working Humidity	-10°C~+60°C 20%~90% -10°C~+50°C 20%~80%
Dimension (W*H*D) N.W./G.W	171.6*192.6*171.6mm/260*217*197mm (before/after packing) 1.43kg/2.096kg (Net/Gross weight)

Accessory	1xCamera: 1xUSB Cable: 1xPower Adapter, 1xWall Mount, 1xManual
Warranty	3 Years Parts & Labor
PTZ Parameters	
Pan/Tilt Rotation Pan Control Speed Tilt Control Speed Preset Number	±175°-90°~+90° 0.1-80% sec 0.1-60 sec 255 presets by Pelco-D, 32 presets by Pelco-P, 7 presets by Visca (10 presets by remote controller)
SNR Focus	>50dB Auto/Manual
Store Temperature Store Humidity Working Temperature Working Humidity	-10°C~+60°C 20%~90% -10°C~+50°C 20%~80%
I/O Interface	
Video Interfaces Video Compression Format LAN Network Protocol Control Protocol Control Interface Digital Noise Reduction	RJ45, HDMI, USB3.0 H.264, H.265, MJPG, YUY2, NV12 10M/100M adaptive Ethernet port, Support POE IEEE802.3af RTSP, RTMP, ONVIF, GB28181; Support VISCA Over IP VISCA/Pelco-D/Pelco-P, Baud Rate: 9600/4800/38400/2400 RS-232 (input & output), RS-485, TYPE-C(UVC1.1) 2D & 3D Noise Reduction





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