

NETWORKTV



NTV74U4K 12X-USB3, HDMI, SDI & IP 4K Video Conferencing Camera

The NTV74U4K is a 4K Ultra HD USB3.0 PTZ camera with Sony's 1/2.5 inch, 8.51 million effective pixels high quality UHD CMOS sensor with super resolution up to 4K Ultra HD resolution to achieve an incredible image quality. The NTV74U4K camera has a 12X optical zoom with an 71° field of view for capturing both wide angles and for zooming into the subject showing fantastic detail. With support for full USB3.0 high speed data output, these cameras are ideal for broadcasting live high definition video signals or being utilised in video conferencing applications. If users also want a stream to distribute on an intranet or the Internet, the camera can also provide a simultaneous IP stream.



Be seen in 2160p

Crystal clear Ultra High Definition 2160p video with lossless 12X optical zoom letting you get up close to see and interact with your team. The camera offers a choice of output in UHD: 2160p/30, 2160p/25 HD: 1080p/30, 1080p/25, 720p/30, 720p/25



Robust Installation Options

Easily invert the camera image for installation on the ceiling. Use the 1/4 20 to fasten the camera to a standard tri-pod or simply mount on the wall.



COMPATIBLE WITH
MAC & PC

Plug-and-Play USB Connectivity

Easily connect your camera to a PC, Mac or Chrome-Box without the need for additional software. For best results use a quad-core processor.



Use your favorite software

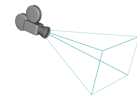
Works with virtually every online video conferencing software with no need for additional drivers or proprietary connections.



IP VIDEO
STREAMING

Network Control & IP Streaming

The NTV74U4K camera also offers built in network streaming and control.



Wide Field of View

The NTV74U4K camera offers a 71° wide field of view with the ability to zoom into a narrow 8.2 degrees.



IR REMOTE
CONTROL
WITH PRESETS

Camera Presets

Access camera presets with the IR remote control. Easily control your cameras pan tilt and zoom along with other fine tuning settings from your remote control.



RS-232 CAMERA
CONTROL

RS-232/RS-485 Camera Control

Integrate the cameras into a larger control system such as Crestron, QSC, Extron or AMX. Even convert RS-232 to USB and control from your computer.

KEY FEATURES

- 71 degree wide-angle lens.
- High performance in low illumination situations.
- Full 3840 x 2160 UHD Resolutions up to 30 frames per second.
- 2D and 3D noise reduction with the latest "low noise CMOS sensor".
- Wide Dynamic Range: capable of capturing all features of images when there is a strong contrast between subject and background.
- Variety of control options.

WHAT'S IN THE BOX

- 12X Zoom USB3.0, IP, SDI, HDMI Camera
- Power Adapter
- IR Remote Control
- RS-232C to RS-485 Cable
- User Manual

Camera Specification

Video System	HDMI: 4KP30,4KP29.97, 4KP25, 1080P60, 1080i, 720P etc 3G-SDI: 1080p/60, 1080p/50, 1080i, 720P etc
Sensor	1/2.5", CMOS, Effective Pixel: 8.51M
Scanning Mode	Progressive
Lens	12x, f4.4mm ~ 52.8mm, F1.8 ~ F2.6
Digital Zoom	16x
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Backlight Compensation	Supported
Digital Noise Reduction	3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal Angle of View	71° ~ 8.2°
Vertical Angle of View	42.7° ~ 4.5°
Horizontal Rotation Range	±170°
Vertical Rotation Range	±30°
Pan Speed Range	1.7° ~ 76°/s
Tilt Speed Range	0.5° ~ 15°/s
H & V Flip	Supported
Image Freeze	Supported
Number of Presets	255
Preset Accuracy	0.1°

USB Features (Windows 7, 8, 10, Mac OS X)

Video Format & USB Communication	YUY2: Max 1080p@30fps, YUY2/H.264 AVC/SVC Max 2160P@30fps, MJPEG: Max 1080P60, UVC 1.0 ~ UVC 1.5
Audio on USB & UVC PTZ	Supported

Network Features (PoE supported)

Video & Audio Compression	H.264 / MJPEG: G711A, AAC
Main Stream Resolution	3840x2160, 1920x1080, 1280x720, 1024x576, 720x480 etc.
Video Bit Rate & Frame Rate	H.264~ 60Mbps, MJPEG ~200Mbps (Variable or Fixed) Frame Rate 50Hz: 30fps/4K, 50fps/1080P 60Hz: 30fps/4K, 60fps/1080P
Supported protocols	TCP/IP, HTTP, RTSP, RTMP, RTMPS, Onvif, SRT, GB/T 28181, DHCP, Multicast, etc.

Input/Output Interfaces

HD Output	1xHDMI: Version 1.4b, 1x3G-SDI: BNC type, 800mVp-p, 75Ω,SMPTE 424M standard
USB Interface	1xUSB 3.0: type B 1xUSB3.0, up to 4K@30fps compression video and 1080p original video
Network	1xRJ45: 10M/100M/1000M Ethernet Interface, PoE support
Audio Interface	1-ch: 3.5mm Audio Interface, Line In
Communication Interface	1 x RS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	JEITA type (DC IN 12V)
Input Voltage	DC 12V
Current Consumption	1.0A (Max)
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	12W (Max)
Size	238mm(W) x 167mm(H) x 149mm(D)
Net Weight	1.35K g
SKU Number	NTV-74U4K-12-BK-G