

# NETWORK TV

## NetworkTV NTV71S 12X-SDI IP Video Conferencing Camera

The NTV71S is a 1080p camera with 12X optical zoom and a 72.5° field of view for capturing both wide angles and for zooming into the subject showing fantastic detail. With support for SDI & IP Streaming (H.264) these cameras are ideal in a live broadcasting setup or for providing live high definition video signals to an HD-SDI encoder. If users also want a stream to distribute on an intranet or the Internet, the camera can also provide a simultaneous IP stream. The cameras can be wall or ceiling mounted with both vertical and horizontal flip capability and come in black or white to fit the colour scheme of the room. These cameras are suitable for small, medium or large room set-ups.



### Be seen in 1080p

Crystal clear High Definition 1080p video with lossless 12X optical zoom letting you get up close to see and interact with your subject. The camera offers a choice of output in 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25



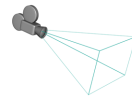
### Easy Set Up - Plug & Play

With this camera you are getting the easiest solution possible. Just connect the camera and you're ready to go.



### Simultaneous Video Outputs

The NTV71S camera can simultaneously send out 1080p video from SDI and H.264 IP Streaming for maximum flexibility.



### Wide Field of View

The NTV71S models offer a 72.5° wide field of view with the ability to zoom into a narrow 6.9 degrees.



### 3G-SDI Connectivity

3G-SDI is a preferred cabling for 1080p video at up to 60 frames per second run over long distances.



### 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.



### Network Control & IP Streaming

The NTV71S camera also offers built in network control.



### RS-232/RS-485 Camera Control

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

## KEY FEATURES

- 72.5 degree wide-angle lens.
- High performance in low illumination situations.
- Full 1920 x 1080p HD Resolutions up to 60 frames per second.
- 2D and 3D noise reduction with our 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.
- IP Streaming & Control (Control Software is Open Source)

## WHAT'S IN THE BOX

- 12X Zoom SDI & IP Camera
- Power Adapter
- IR Remote Control
- RS-232C to RS-485 Cable
- User Manual

## Camera Specification

Video System	1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25
Sensor	1/2.7", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens	12x, f3.5mm ~ 42.3mm, F1.8 ~ F2.8
Digital Zoom	16x (optional)
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal Angle of View	72.5° ~ 6.9°
Vertical Angle of View	44.8° ~ 3.9°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30° ~ +30°
Pan Speed Range	1.7° ~ 100°/s
Tilt Speed Range	0.7° ~ 28°/s
H & V Flip	Support
Image Freeze	Support
Number of Presets	255
Preset Accuracy	0.1°
HD Output	1x3G-SDI: BNC type, 800mVp-p, 75Ω, Along to SMPTE 424M standard
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	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	12W (Max)
MTBF	>30000h
Size	128.5x118x156.2mm
Net Weight	0.91K g
SKU Number	NTV-71S-BK-G