

# NETWORKTV

## NTV51SNDI20 PTZ Camera with 20X Zoom & NDI, SDI & HDMI Output

The NTV51SNDI20 camera is a 1080p camera with 20X optical zoom and a 54.7° field of view for capturing both wide angles and for zooming into the subject showing fantastic detail. With support for NDI high speed data output as well as IP Streaming (H.264), 3G-SDI and HDMI, these cameras are ideal for broadcasting live high definition video signals. The cameras can be wall or ceiling mounted with both vertical and horizontal flip capability and come in black/ grey. These cameras are suitable for medium or large room set-ups.



### Be seen in 1080p

Crystal clear High Definition 1080p video with lossless 20X optical zoom letting you get up close to see and interact with your team. The camera offers a choice of output in 1080p/60, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50



### Robust Installation Options

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



### NDI Connectivity

NDI allows multiple video systems to identify and communicate with one another over IP, and to encode, transmit, and receive many streams of high quality, low latency, frame-accurate video and audio in real time.



### 3G-SDI

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



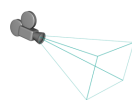
HD-SDI VIDEO CONNECTION



IP VIDEO STREAMING

### Network Control & IP Streaming

The NTV51SNDI20 camera offers built in network control so that as well as simultaneously outputting HDMI or SDI video it will also provide an IP H.264 video stream. This gives the added benefit of an administrator being able to view and control the camera remotely.



### Wide Field of View

The NTV51SNDI20 offers a 54.7° wide field of view with the ability to zoom into a narrow 3.3 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, Extron or AMX.

## KEY FEATURES

- 54.7 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.
- Variety of control options.

## WHAT'S IN THE BOX

- 20X Zoom Camera
- Power Adapter
- IR Remote Control
- RS-232C to RS-485 Cable
- User Manual

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## Camera Specification

Video System	1080p/60, 1080p/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25
Sensor	1/2.8", CMOS, Effective Pixel: 2.07M
Lens	20x, f5.5mm ~ 110mm (F1.6-F3.5)
Digital Zoom	10x
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
White Balance	Auto/Manual/One Push/ 3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
Focus	Auto/Manual/A key focus
Aperture/Electronic Shutter	Auto/Manual
Backlight Compensation	On/Off
Digital Noise Reduction	2D & 3D Digital Noise Reduction
Video SNR	≥55dB
Angle of View	54.7° ~ 3.3°
Pan/Tilt Rotation Range	±170°, -30°~+90°
Vertical Rotation Range	-30° ~ +30°
Pan Control Speed	0.1 -60°/sec
Tilt Speed Range	0.1° ~ 30°/s
H & V Flip	Support
Image Freeze	Support
Number of Presets	255 (10 presets by RCU)
Preset Speed	Pan: 60°/sec, Tilt: 30°/sec
Audio Interface	Double track 3.5mm linear input
Audio Compression Format	AAC/MP3/G.711A
Network Interface	100M IP port (100BASE-TX) 5G WiFi (optional)
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181, NDI, Network VISCA Control Protocol, Support remote upgrade, reboot and reset
Communication Interface	VISCA/Pelco-D/Pelco-P; Baud Rate: 115200/9600/4800/2400bps
Input Voltage	DC 12V (12W max power consumption)
Power Adapter	Input: AC110V-AC220V. Output: DC12V/1.5A
Current Consumption	1.0A (Max)
Operating Temperature	-10°C ~ +50°C
Storage Temperature	-40°C ~ +60°C
Power Consumption	12W (Max)
Size	150x150x180mm
Net Weight	1.4K g
SKU	NTV51SNDI20