

# B27-20 20 NDI PTZ Broadcast Camera

SKU: 0200127-20

EAN: 0200127-20



## FEATUES

The Edis B27-20 is a Supports NDI HX, HX2 The camera can connect directly to a NDI network, utilizing NDI-based video production workflows without additional configuration, reducing cost and set-up time. 1080P Full HD Apply 1/2.8 inch, 2.07 million effective pixels high quality HD CMOS sensor, can reach maximum 1920 x 1080 high resolution and achieve quality image. The output frame rate up to 60fps in 1080P. Support AAC audio encoding, better sound quality and smaller bandwidth. Support local storage module, directly recording to local USB flash disk without NVR. High SNR of CMOS sensor combined with 2D and 3D noise reduction algorithm, effectively reduce the noise, even under low illumination conditions, picture can still keep clean and clear. Support HDMI output, 3G-SDI interface, effective transmission distance up to 150 meters (under 1080p30). HDMI, SDI, Network can output at the same time. Use TAMRON high quality super telephoto lens, support 20x optical zoom, and 16x digital zoom (optional). Using RS232/485 interface, all the parameters of the camera can be remote controled by the high-speed communications.



## NETWORK FEATURES

Video Compression H.264 / MJPEG

Video Stream	Main Stream, Sub Stream
Main Stream	1920x1080, 1280x720, 1024x576, etc.
Sub Stream	720x576, 720x480, 320x240, etc.
Resolution	
Video Bit Rate	32Kbps ~ 20480Kbps
Bit Rate Type	Variable Rate, Fixed Rate
Frame Rate	50Hz: 1fps ~ 25fps, 60Hz: 1fps ~ 30fps, 720p120: 120fps, 640x480p240: 240fps
Audio	AAC
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Support protocols	NDI@ HX, NDI@ HX2, TCP/IP, HTTP, RTSP,

## INPUT/OUTPUT INTERFACE

HD Output	1xHDMI: Verision 1.3 1x3G-SDI: BNC type, 800mVp-p, 75Ω, Along to SMPTE 424M standard
SD Output	1xCVBS: 3.5mm mini jack, 1Vp-p, 75Ω
Network Interface	1xRJ45: 10M/100M Ethernet Interface
Audio Interface	1-ch: 3.5mm Audio Interface, Line In
USB	1xUSB2.0: Type A female jack
Communication Interface	1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P 1xRS232 Out: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA network use only 1xRS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	JEITA type (DC IN 12V)

## CAMERA

Video System	HD: 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60(supported by network only), 720p/50, 720p/30, 720p/25 SD: 480i, 576i
Sensor	1/2.8", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens	20x, f4.42mm ~ 88.5mm, F1.8 ~ F2.8
Digital Zoom	16x (optional)
Minimal	0.5 Lux @ (F1.8, AGC ON)
Net Weight	2.83kg
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, Specified color temperature
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal Angle of View	60.7° ~ 3.36°
Vertical Angle of View	34.1° ~ 1.89°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30° ~ +90°
Pan Speed Range	1.7° ~ 100°/s
Tilt Speed Range	1.7° ~ 69.9°/s
H & V Flip	Support
Image Freeze	Support
PoE	Support
Local Storage	Support
Number of Preset	255
Preset Accuracy	0.1°

## GENERIC SPECIFICATION

Input Voltage	DC 12V / PoE (802.3af)
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	12W (Max)
Size	146mm x 152mm x 164mm
Net Weight	1.35Kg (3.0lb)