

# HD Color Network Box Camera

## VHD-J2600SE



### Main Features

- 20x Optical + 32x Digital Zoom  
Use TAMRON high quality super telephoto lens, support 20x optical zoom, and 32x digitalzoom (optional)
- H.265 Support  
Support H.265 encoding, enabling full HD 1080p/60fps video stream by ultra-low bandwidth, lag-time within 200ms
- 1080P Full HD  
Apply Panasonic's 1/2.7 inch, 2.07 million effective pixels high quality HD CMOS sensor, can reach maximum 1920 x 1080 high resolution and achieve quality image
- Double Interface  
Support 3G-SDI interface, effective transmission distance up to 150 meters (under 1080p30).SDI, Network can output at the same time
- Ultra-high Frame Rate  
The output frame rate up to 60fps in 1080P

- AAC Audio Encoding  
Support AAC audio encoding, better sound quality and smaller bandwidth
- Low-light  
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
- PoE  
Support PoE (802.3af), effectively reduce the cost of engineering and routing
- ICR Infrared Filter  
ICR filter with auto switch, keep watch over day and night

### Camera

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 Mount	20x, f4.42mm ~ 88.5mm, F1.8 ~ F2.8
Digital Zoom	32x (optional)
Horizontal Angle of View	60.7° ~ 3.36°
Vertical Angle of View	34.1° ~ 1.89°
Minimal Illumination	0.05 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	auto, 3000K/INDOOR, 5000K/outdoor, VAR 2500 - 8000 K one push, manual
Day-night Mode	IR cut filter with auto switch
Digital Noise Reduction	2D,3D digital noise reduction
Backlight Compensation	Yes
Image Freeze	Yes
PoE	Optional
Ceiling Installation	Yes

### IPC Features

Video Compression	H.265/H.264/MJPEG
Video Stream	Main Stream, Sub Stream
Main Stream Resolution	1920X1080, 1280X720, 1024X576, 960x540, 640x480, 640x360
Sub Stream Resolution	720X576, 720X480, 320X240, 1280x720, 1024x576, 640x360, 480x270, 320x180
Video Bit Rate	(32~20480) kbps
Bit Rate Type	Variable Rate, Fixed Rate
Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps
Audio Compression	AAC
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Support protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.

### Input/Output Interface

HD Output	1x3G-SDI: BNC type, 800mVp-p, 75 Ω, Along to SMPTE 424M standard
Network Interface	1xRJ45:10M/100M adaptive Ethernet ports
Audio Interface	1-ch: 3.5mm Audio Interface, Line In 1-ch: 3.5mm Audio Interface, Line Out
Communication interface	1xRS485:Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P
Power Connector	JEITA (DC IN 12V)
Reset Button	Yes

### Generic Specification

Input Voltage	DC 12V / PoE (802.3af) (optional)
Current Consumption	0.5A (Max)
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	6W (Max)
Size	138.5mm x 76.8mm x 60.3mm
Net Weight	650 g
MTBF	6000h

