



## HD Video Camera

# PTZ-HD60-3G

H.265 Support  
1080P Full HD  
20x Optical + 16x Digital Zoom



### Main Features



- H.265 Support**  
 The first H.265 encoding support conference video camera in the world, enabling full HD 1080p/60 video stream by ultra-low bandwidth.
- 1080P Full HD**  
 Adopt Panasonic's 1/2.86 inch, 2.36 million pixels high quality HD CMOS sensor, which can achieve maximum 1920 x 1080 high resolution and quality image with highest output frame rate 60 fps.
- 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.
- Abundant & Perfect interface**  
 Support HDMI output, 3G-SDI interface, effective transmission distance up to 100 meters. Supports SD CVBS output.
- 20x Optical + 16x Digital Zoom**  
 Use TAMRON high quality super telephoto lens, support 20x optical zoom, and 16x digital zoom.
- Remote Control**  
 Using RS232/485 interface, all the parameters of the camera can be remote controlled by the high-speed communications.
- Network interface control**  
 Support updating firmware via network interface.

### Product Specification

Video System	HD: 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50SD: NTSC, PAL"	Number of Preset	245
Sensor	1/2.86", CMOS, Total Pixel: 2.48M, Effective Pixel: 2.36M	Preset Accuracy	0.1°
Scanning Mode	Progressive	HD Output	1xHDMI: Verision 1.3 1x3D-SDI: BNC type, 800mVp-p, 75Ω, Along to SMPTE 424M standard
Lens	20x, f4.42mm ~ 88.5mm, F1.8 ~ F2.8	SD Output	1xCVBS: RCA jack, 1Vp-p, 75Ω
Digital Zoom	16x	Network interface	1xRJ45: 10M/100M Adaptive Ethernet ports
Minimal Illumination	0.05 Lux @ (F1.8, AGC ON)	Audio Input	1-ch 3.5mm audio interface, Line In
Shutter	1/25s ~ 1/10000s	USB	1xUSB2.0: type A jack
White Balance	Auto, Indoor, Outdoor, One-Push, Manual	Communication interface	1xRS-232 IN: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P 1xRS-485: 2pin pluggable connectors, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P
Backlight Compensation	Support	Power jack	JEITA type (DC IN 12V)
Digital Noise Reduction	2D&3D Digital Noise Reduction	Input Voltage	12V DC (10.8 ~ 13.0V DC)
Video S/N	≥55dB	Current Consumption	2.0A (Max)
Horizontal Angle of View	60.7° ~ 3.36°	Operating Temperature	-5°C ~ 40°C
Vertical Angle of View	34.1° ~ 1.89°	Storage Temperature	-20°C ~ 60°C
Horizontal Rotation Range	±170°	Power Consumption	12W
Vertical Rotation Range	-30° ~ +90°	Dimensions	142mm x 169mm x 176mm
Pan Speed Range	1.7° ~ 100°/s	Weight	1.5Kg
Tilt Speed Range	1.7° ~ 69.9°/s		
H & V flip	Support		