

# IT-VCHD6300



## Main Features

### ● H.265 Support

Support H.265 encoding, enabling full HD 1080p video stream by ultra-low bandwidth.

### ● 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.

### ● Ultra-high Frame Rate

The output frame rate up to 60fps in 1080P.

### ● Face Detection

Built-in face detection module, enabling PTZ tracking (optional).

### ● AAC Audio Encoding

Support AAC audio encoding, better sound quality and smaller bandwidth.

### ● Local Storage

Support local storage module, directly recording to local USB flash disk without NVR.

### ● 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 150 meters (under 1080p30). HDMI, SDI, Network can output at the same time. It also support CVBS interface (supported by V63 only).

### ● 30x Optical + 16x Digital Zoom

Use TAMRON high quality super telephoto lens, support 30x optical zoom, and 16x digital zoom (optional).

### ● Remote Control

Using RS216/485 interface, all the parameters of the camera can be remote controlled by the high-speed communications.

## Camera

Video System	HD: 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	30x, f4.3mm ~ 129.0mm, 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	65.1° ~ 2.34°
Vertical Angle of View	58.9° ~ 2.11°
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	Not Support
Face Detection	Support (optional)
Local Storage	Support (optional)
Number of Preset	255
Preset Accuracy	0.1°



## Input/Output Interface

HD Output	1xHDMI: Verision 1.3 1x3G-SDI: BNC type, 800mVp-p, 75Ω, Along to SMPTE 424M standard
SD Output	None
Network Interface	1xRJ45: 10M/100M Ethernet Interface
Audio Interface	1-ch: 3.5mm Audio Interface, Line In
USB	1xUSB2.0: Type A female jack 1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
Communication Interface	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)

## IPC Features

Video Compression	H.265/H.264/MJPEG
Video Stream	Main Stream, Sub Stream
Main Stream Resolution	1920x1080, 1280x720, 1024x576
Sub Stream Resolution	720x576, 720x480, 320x240
Video Bit Rate	128Kbps ~ 8192Kbps
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.

## General Specification

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)
Size	240mm x 144mm x 160mm
Net Weight	1.65Kg (3.6lb)