

Features

This USB is a 1080P cameras are equipped with a Panasonic CMOS sensor combined with a TAMRON high-quality glass lens with 12x/20x optical zoom. Control these cameras over RS232/485 with any third party controller that supports Visca, Pelco-P/D protocols.

HDMI, IP, USB3.0 simultaneously output.

SCHD612-USB

SCHD620-USB

Camera

Video CMOS Sensor	1/2.7", CMOS, Effective Pixel: 2.07M	
Frame Rate	1080P60/50/30/25,1080I60/50,720P60/50/30/25, 480I60, 576I50	
Lens Zoom	12x, f3.5mm ~ 42.3mm, F1.8 ~ F2.8	20x, f4.42mm ~ 88.5mm, F1.8 ~ F2.8
Horizontal Field of View	72.5° ~ 6.9°	60.7° ~ 3.36°
Vertical Angle of View	44.8° ~ 3.9°	34.1° ~ 1.89°
Min Lux	0.5 lux @ (F1.8, AGC ON)	
Shutter Speed	1/30s to 1/10000s	
White Balance	Auto, Indoor, Outdoor, One-Push, Manual	
Backlight Compensation	Support	
Digital Noise Reduction	2D&3D Digital Noise Reduction	
Video S/N	≥55dB	
Image Freeze	Support	
Ceiling Installation	Supported	
Vertical Flip & Mirror	Supported	
Working environment	INDOOR	

Mechanical

Pan Rotation Angle	±170°
Tilt Rotation Angle	-30°~ +90°
Pan Speed (per second)	1.7° ~ 100°/s
Tilt Speed (per second)	1.7° ~ 69.9°/s
Presets	255 Presets
Number of Preset	0.1°
PTZ Control Protocol	Sony VISCA and PELCO D/P

USB3.0 Features

Operate system	Window XP, Windows Vista, Windows 7, Windows 8, MAC OS X, Linux
Color system	YUV 4:2:2
Video format	USB3.0: 1080p/60, 1080p/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25 USB2.0: 960x540p/30, 960x540p/25,640x360p/60, 640x360p/50, 1280x720p/25
USB Video communication protocol	UVC1.0 Support
UVC PTZ	

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 1280x720, 1024x576,	720x576(50Hz), 720x480(60Hz), 720x408, 640x360, 480x270, 320x240, 320x180
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Bit Rate	128K, 256K, 384K, 512K, 768K, 1024K, 1536K, 2048K,3072K, 4096K, 5120K, 6144K, 8192K optional, customize
Video Bit Rate	32Kbps~20480Kbps
Bit Rate Type	Variable Rate, Fixed Rate
Frame Rate	50Hz: 1fps ~ 25fps, 60Hz: 1fps ~ 30fps
Audio Compression	AAC
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Support protocols	TCP/IP, HTTP, RTSP, RTMP, DDMS, PPPoE, SMTP, UPnP, SNMP, Onvif, DHCP, Multicast, etc.
Interface	
HDMI Output	Version 1.3
SD Output	CVBS: 3.5mm mini jack, 1Vp-p, 75Ω
Network Interface	RJ45: 10M/100M Adaptive Ethernet Ports
Audio Interface	1-ch: 3.5mm Audio Interface, Line In, for IP embedding
USB3.0	USB3.0 (Requires Quad Core Processor)
USB2.0	Type A female jack, for firmware update
RS232 In	8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
RS232 Out	8pin Min DIN, Max Distance: 30m, Protocol: VISCA network use only
RS485	2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	JEITA type (DC IN 12V)
General	
Input Voltage	DC 12V
Current Consumption	1.0A (Max)
Power Consumption	12W (Max)
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Color	Dark Gray, White
Dimensions (W x H x D)	169mm x 142mm x 164mm
Weight	1.35 kg
Included	Remote Control/RS232 cable/Power