

Video Conference Camera

SCHD600-SDI/NDI

Features

This SDI is a 1080P cameras are equipped with a Panasonic CMOS sensor combined with a TAMRON high-quality glass lens with 12x/20x/30x optical zoom. Control these cameras over RS232/485 with any third party controller that supports Visca, Pelco-P/D protocols.

HDMI, IP, 3G-SDI simultaneously output.

SCHD612-SDI/NDI		SCHD620-SDI/NDI	SCHD630-SDI/NDI
Camera			
Video CMOS Sensor	1/2.7", CMOS, Effective Pixel: 2.07M		
Frame Rate	HD: 1080P60/50/30/25,1080I60/50,720P60/50/30/25, SD: NTSC, PAL		
Lens Zoom	12x, f3.5mm ~ 42.3mm, F1.8 ~ F2.8	20x, f4.42mm ~ 88.5mm, F1.8 ~ F2.8	30x, f4.42mm ~ 132.6 mm, F1.8 ~ F2.8
Horizontal Field of View	72.5° ~ 6.9°	60.7° ~ 3.36°	60.7° ~ 2.28°
Vertical Angle of View	44.8° ~ 3.9°	34.1° ~ 1.89°	34.1° ~ 1.28°
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		

Video Compression H.265/H.264/MJPEG
Video Stream Main Stream, Sub Stream
Main Stream Resolution 1920x1080,
Sub Stream Resolution 1280x720,
Bit Rate 32Kbps~20480Kbps
Bit Rate Type Variable Rate, Fixed Rate
Frame Rate 50Hz: 1fps ~ 50fps, 60Hz:
Audio Compression AAC
Audio Bit Rate 96Kbps, 128Kbps,
Support protocols TCP/IP, HTTP, RTSP,

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1280x720, 1024x576, 960x540, 640x480, 640x360
1024x576, 720x576(50Hz), 720x480(60Hz), 720x 408, 640x 360, 480x270, 320x240, 320x180

1fps ~ 60fps

256Kbps
RTMP, DDMS, PPPoE, SMTP, UPnP, SNMP, Onvif, DHCP, Multicast, etc.

Interface

HDMI Output	Version 1.3
SDI output	3G-SDI: BNC type, 800mVp-p, 75Ω, Along to SMPTE 424M
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
USB	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
Option	PoE, NDI HX