VCC-7 SERIES   DUAL OUTPUT SDI+IP HD PTZ Camera

- VCC-7HD20S-2SMN
- VCC-7HD30S-2SMN

SD II P
Dual Output

ONVIF

VISCA

KEY FEATURES

- Zoom: Optical 20X, 30X
- SDI/HDMI resolution up to 1080p60, 1080i59.94; IP resolution up to 1080P30.
- Video Output: IP+SDI Dual Output IP, 3G-SDI, HDMI, CVBS Simultaneously
- Control: RS232, RS422/485, IP/Onvif
- Power: 12VDC, PoE+

DESIGN

• Extremely quiet and smooth Pan/Tilt movements for ideal for video conferencing filming studios, churches and lecture halls, and for applications requiring high zoom ratios and variable slow speed controls.

• Dual Output PTZ camera provides simultaneous 3G-SDI and IP video outputs for local no latency video and remote IP video steaming.

• Dual Output PTZ camera provides three methods of controlling: RS232, RS422 and ONVIF IP. It gives you capabilities of local control and remote control without distance limitations.

FUNCTIONALITY

- Ideal for video-conferencing, house of worship, broadcast, educational environment, corporate training, distance learning applications.
- Adaptive speed for slow movement for zoom-in application. Speed of Pan/Tilt and Presets (0-5 level) is adjustable.
- WDR 130db
- 3D Positioning (IP Model)
- Control: RS232/RS422/RS485, IP/Onvif, IR Remote Controller.
- PoE+(IEEE 802.3at) power ready
- Standard mounting and ceiling mounting with E-Flip function

RJ45-RS232
VCC-CC45232

RJ45-RS422
VCC-CC45422

VCC-7HD20S2-SMN
VCC-7HD30S2-SMN

ORDER INFORMATION

- VCC-7HD20S-2SMN • VCC-7HD30S-2SMN   (SDI+HDMI+IP)
- VCC-CC45232 (RJ45 to RS232 Cable Adapter) • VCC-CC45422 (RJ45 to RS232 Cable Adapter)

Product Specification

Model No.	VCC-7HD20S-2SMN	VCC-7HD30S-2SMN
Camera	**20X**	**30X**
Image Sensor	1/2.8 inch CMOS 2.13MP	1/2 inch CMOS 2.13MP
Lens	4.7~94mm	4.3~129mm
Digital Zoom	12X	12X
Horizontal Angle of View	59.5°(W)~3.3°(T)	63.7°(W)~2.3°(T)
Aperture	F1.6(W)~F3.5(T)	F1.6(W)~F4.7(T)
Min. Illumination	Color: 0.01 lux (F1.6,AGC on,1/30s, High sensitive mode), 0.1 lux(F1.6,AGC on,1/30s, Normal sensitive mode)	Color: 0.01 lux (F1.6,AGC on,1/30s, High sensitive mode), 0.1 lux(F1.6,AGC on,1/30s, Normal sensitive mode)
Shutter Speed	1/1~1/10000s	1/1~1/10000s
Focus	Auto, Push	
White Balance	Auto,Indoor,Outdoor,Manual,OPW,ATW	
Exposure	Auto,Manual,Shutter/Iris Priority	
Day/Night	YES	
Backlight Compensation	YES	
WDR	YES(120dB)	
Defog	YES	
Motion Detection	YES	
Privacy Zone Masking	-	
E-FLIP	YES	
Image Stabilizer	-	
Noise Reduction	2D/3D	
S/N Ratio	≥50db	
Mechanical		
Pan Movement	Horizontal:±350 degrees continuous pan (Zoom Adaptive Speed Range: 0.05°〜100°/S)	
Tilt Movement	Vertical:+90 degrees to -30 degrees (Zoom Adaptive Speed Range: 0.05°〜50°/S)	
Preset Position	128 (Speed adjustable: Up to 150°/S, 6 presets on remote controller.)	
Preset Speed	0~5 Level Adjustable	
Home Position	Support	
Environmental	Indoor	
Interface		
Video Output Silmultaneous	SDI, HDMI, CVBS, IP	
Video Format(HDMI)	1080p:60/59.94/50/29.97/30/25; 1080i:60/59.94/50; 720p:60/59.94/50/30/25	
Video Format(CVBS)	720*576i50, 720*480i60	
Audio I/O	Audio input x1, Audio out put x1, 3.5mm audio jack (IP Models)	
Control Interface	1XRJ45: IP; 2XRJ45: RS232/RS422/RS485, IR Remote Controller	
Control Protocol	VISCA / Pelco P,D / IP Onvif (IP Models)	
3G-SDI Signal		
3G-SDI	Signal Fluctuations 800mv -/+10% (external cable extension requirements 75-5, 128 twisted pair shielding , coaxial cable)	
Signal Format	1080p:60/59.94/50/29.97/30/25; 1080i:60/59.94/50; 720p;60/59.94/50/30/29.97/25	
Network		
Video Compression	MJPEG,H.264	
IP Video Format	1080p:30/25; 720p:30/25	
Protocols	L2TP,IPv4,IGMP,ICMP,ARP,TCP,UDP,DHCP,PPPoE,RTP,RTSP,QoS,DNS,DDNS,NTP,FTP,UPnP,HTTP,SNMP,SIP IP Auto Adaptations, Effective monitoring even under data loss environment	
Multi-stream	3 data stream function will satisfy various bandwidth, frame rates and storage requirements in real time	
Audio Compression	AAC-LC Broadband Audio Encoding	
Special Function	UNP Technique, resolve Private Network NAT throughput, support movement testing, audio testing, various intelligent functions.	
OSD	Customized OSD, Support Side Hook and Artistic Font	
Compatible Integration	ONVIF	
General		
Operating Temperature	-20 to +60 (°C)	
Operating Humidity	≤80% Suitable for Use	
Power Input	12VDC, PoE+ (IEEE 802.3at)	
Power Consumption	10.8W	
Dimension	160x178x220mm	
Weight	2.0kg	

All models and specifications are subject to change without notice.

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