

## ● VCC-7HD30S-3SMC

## KEY FEATURES



VISCA

- Zoom: Optical 30X
- SDI/HDMI resolution up to 1080p60, 1080i59.94
- Video Output: 3G-SDI, HDMI, CVBS
- Control: RS232, RS422/485
- Image Stabilizer and True WDR 130dB
- Power: 12VDC

## DESIGN



- High quality broadcast standard SDI video and extremely quiet and smooth Pan/Tilt movements ideal for broadcast, video conferencing, filming studios, churches and lecture halls, and for applications requiring high zoom ratios and variable slow speed controls
- Sturdy body design with base and frame made of Magnesium Alloy for durability and balance. Upgraded mechanical system is integrated with super quiet pan and tilt Stepper Motor to ensure accuracy, smoothness.
- Two RJ45 Ports for RS232 and RS422 control connection when using network cable as control cable. • Phoenix Connection Cable Adapter included to provide convenience.
- USB Firmware upgrade interface provides capability of constantly improving the camera features and performances, even for customized function upgrades.

## FUNCTIONALITY

- Ideal for video-conferencing, house of worship, broadcast, educational environment, corporate training, distance learning applications.
- Comprehensive image parameter setting for broadcast and Pro AV applications.
- Adaptive speed for slow movement when running zoom-in application.
- Speeds of Pan/Tilt and Presets (0-5 level) are adjustable.
- Image parameter setting restore with presets and quick access operation
- Firmware upgrade via USB2.0
- Standard mounting and ceiling mounting with E-Flip function



VCC-7HD30S-3SMC



RJ45-RS422/232  
VCC-CC45RS



RJ45-RS232  
VCC-CC45232



VCC-CM



VCC-WM

# Product Specification

<b>Model No.</b>	<b>VCC-7HD30S-3SMC</b>
<b>Camera</b>	<b>30X</b>
Image Sensor	1/2.8 inch CMOS 2.13MP
Lens	4.3~129mm
Digital Zoom	12X
Horizontal Angle of View	63.7°(W)~2.3°(T)
Aperture	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)
Shutter Speed	1/1~1/10000s
Focus	Auto Focus(Triple/Interval), Manual Focus(Variable Speed), One Push Trigger, Near Limit,
White Balance	AUTO, ATW, Indoor, Outdoor, One Push WB, Manual WB, Outdoor Auto, Sodium Vapor Lamp (Fix/Auto/Outdoor Auto)
Exposure	Full Auto, Gain, Gain Limit, Shutter Priority, Iris Priority, Manual, Bright, Slow Shutter, Max/Min Shutter Limit, Slow AE
Features	High Sensitivity, Defog mode, Backlight Compensation, HLC, Flipper, Mirror
WDR	YES(130dB)
Defog	YES
E-FLIP	YES
Image Stabilizer	YES
Noise Reduction	On/Off (level 5 to 1 / Off, 6 steps), 2D/3D
S/N Ratio	≥50db
<b>Mechanical</b>	
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
Preset Memory	YES, (Preset Memory for image parameters)
Home Position	Support
Environmental	Indoor
<b>Interface</b>	
Video Output	SDI, HDMI, CVBS
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	-
Control Interface	2XRJ45: RS232/RS422/RS485, IR Remote Controller
Control Protocol	VISCA / Pelco D
Edge Storage	-
System Upgrade	USB2.0 (for FW upgrade only)
<b>3G-SDI Signal</b>	
3G-SDI	Signal Fluctuations 800mv +/-10% (external cable extension requirements 75-5, 128 twisted pair shielding , coaxial cable)
Standard	SMPTE 292(1.5Gb/s), SMPTE 425-A(3Gb/s) With SMPTE352 SDI Metadata Supported
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
<b>General</b>	
Operating Temperature	-10 to +50 (°C)
Operating Humidity	≤80% Suitable for Use
Power Input	12VDC
Power Consumption	Min: 11W(Static state with no movement); Max: 15W (Fully loaded operation)
Dimension	160x178x220mm
Weight	2.0kg
Body Color	Black, White

## ORDER INFORMATION

- VCC-7HD30S-3SMC/B (SDI+HDMI+CVBS, Black)
- VCC-7HD30S-3SMC/W (SDI+HDMI+CVBS. White)
- VCC-WM (Wall Mount)
- VCC-CM (Ceiling Mount)
- VCC-CC45232 (RJ45 to RS232 8 Pin Mini Din Cable Adapter)
- VCC-CC45RS (RJ45 to RS422/232 Cable Adapter)