

● VCC-8-4K20S-3SM

KEY FEATURES



4K
VISCA

- Resolution: 4K, 1080P, 720P
- Zoom: Optical 20X, Digital 12X. SRZ Feature: Up to 30X in 4K and 40X in FHD via Super Resolution Zoom
- Upgraded low light performance, 0.4lux
- 70 Degrees wide angle.
- Image Stabilizer
- Video Output: HDMI, 3G-SDI
- Power: DC 12V

DESIGN



- Main body is made of Magnesium Alloy. This will reduce interference and guarantee highest picture quality.
- 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.

FUNCTIONALITY

- Ideal for video-conferencing, house of worship, broadcast, educational environment, corporate training, distance learning.
- Comprehensive image parameter setting for broadcast and Pro AV applications
- Video resolution up to 4K(2160p29.97),
- SDI video resolution up to 1080p60, 1080i59.94
- Adaptive speed for slow movement for zoom-in application.
- Image parameter setting restore with presets and quick access operation
- Speed of Pan/Tilt and Presets (0-5 level) is adjustable.
- Control: RS232/RS422/RS485, IR Remote Controller.
- Standard mounting and ceiling mounting with E-Flip function



VCC-8-4K20S-SM

Product Specification

Model No	VCC-8-4K20S-3SM
Camera	20X 4K
Image Sensor	1/2.5" CMOS 8.51MP
Lens	Optical Zoom 20X, Up to 30X in 4K and 40X in Full HD with SRZ(Super Resolution Zoom) feature 4.4mm(Wide)-88.4mm(Tele)
Digital Zoom	12X
Horizontal Angle of View	70.2°(W)~4.1°(T)
Aperture	F2.0(W)~F3.8(T)
Min. Illumination	0.4lux (1/30s, 50%, High Sensitivity mode On), 1.6lux (1/30s, 50%, High Sensitivity mode Off), 0.06lux(1/4s(1/3s),50%, High Sensitivity mode On), 0.21lux(1/4s(1/3s),50%, High Sensitivity mode Off)
Shutter Speed	1/1~1/10000s (22 steps)
Focus	Auto Focus(Trigger/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
ND Filter	-
WDR	YES
Noise Reduction	On/Off (level 5 to 1 / Off, 6 steps), 2D/3D
S/N Ratio	50db
Sync System	Internal
Image Stabilizer	YES
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
Preset Memory	YES, (Preset Memory for image parameters)
Home Position	Support
Environmental	Indoor
Interface	
Video Output	1XHDMI Type A- HDMI1.4(4K), 1XBNC-3G-SDI(1080P), 1XCVBS.
Video Format (HDMI)	4K 2160p:29.97/25; 1080p:59.94/50/29.97/25; 1080i:59.94/50; 720p:59.94/50
Audio Input	-
Control Interface	1XRS232(8 Pin Mini Din), 1X/RS422(Phoenix Connector Included), IR Remote Control Sensor
Control Protocol	VISCA / Pelco P,D
HD-SDI Signal	
SDI Standard	Supports SD-SDI, HD-SDI, 3G-SDI
Video Format (SDI)	1080p:59.94/50; 1080i:59.94/50; 720p:59.94/50 (Not available when HDMI is set to 4K resolution)
Standard	SMPTE 292(1.5Gb/s), SMPTE 425-A(3Gb/s) With SMPTE352 SDI Metadata Supported
General	
Operating Temperature	-10 to +50 (°C)
Operating Humidity	≤80% Suitable for Use
Power Input	DC12V
Power Consumption	10W
Dimension	260x144x182mm
Weight	2.4kg

ORDER INFORMATION

- VCC-8-4K20S-3SM (SDI+HDMI)
- VCC-WM (Wall Mount) • VCC-CM (Ceiling Mount)