

## ● 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, HDBaseT,3G-SDI,CVBS
- 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.
- Video resolution up to 4K(2160p29.97), SDI video resolution up to 1080p60, 1080i59.94
- Adaptive speed for slow movement for zoom-in application.
- 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
- 23.98 supported via FW upgrade.



VCC-8-4K20S-SM

# Product Specification

<b>Model No</b>	<b>VCC-8-4K20S-3SM</b>
<b>Camera</b>	<b>20X 4K</b>
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,Push.Manual
White Balance	Auto, ATW,Indoor,Outdoor,OPW,Manual,Outdoor Auto, Sodium Vapor Lamp(Fixed/Auto/Outdoor Auto)
Exposure	Auto,Manual,Shutter/Iris Priority Mode
Day/Night/Auto ICR	-
Backlight Compensation	YES
WDR	YES
Privacy Zone Masking	Model Specific
Noise Reduction	YES (6 steps)
S/N Ratio	50db
Image Stabilization	YES
Image Flipper	YES
OSD	YES
<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
Home Position	Support
Environmental	Indoor
<b>Interface</b>	
Video Output	1XHDMI Type A- HDMI1.4(4K), 1XBNC-3G-SDI(1080P), 1XCVBS.
Video Format (HDMI)	4K 2160p:29.97/25/23.98; 1080p:59.94/50/29.97/25; 1080i:59.94/50; 720p:59.94/50/23.98 (23.98 supported via FW upgrade)
Audio Input	-
Control Interface	1XRS232(8 Pin Mini Din), 1X/RS422(Phoenix Connector Included), IR Remote Control Sensor
Control Protocol	VISCA / Pelco P,D
<b>HD-SDI Signal</b>	
SDI Standard	Supports SD-SDI, HD-SDI, 3G-SDI
Video Format (SDI)	1080p:59.94/50/29.97/25/23.98; 1080i:59.94/50; 720p:59.94/50
<b>General</b>	
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-SM (SDI+HDMI)