

VIS-CDC-U-20 Series

Full HD Camera



Features

- H.265/H.264 support
H.265/H.264 encoding supports conference cameras, and can realize full HD 1080p / 60fps video streaming through ultra-low bandwidth.
- 1080P Full HD
Using a new generation of 1/2.8 inch high-quality high-definition CMOS sensor with 2.07 million effective pixels, it can achieve high-quality images with a maximum resolution of 1920x1080
- AAC audio coding
supports AAC, MP3, G.711A audio coding, with better sound quality and smaller bandwidth.
- Low noise and high SNR
The low light and high SNR of the CMOS sensor combined with 2D and 3D noise reduction algorithms effectively reduces the noise. Even under low illumination conditions, the picture can still be kept clear and clear.
- Various ports, support HDMI, USB3.0, USB2.0, wired LAN output.
- 20x Optical + 10x Digital Zoom use high quality super telephoto lens.
- Remote Control
Using RS232/485 interface, all the parameters of the camera can be remote controlled by the high-speed communications.
- Various network protocols, support ONVIF, GB/T28181, RTSP, RTMP protocols; support RTMP push mode, easy to link streaming media servers (Wowza, FMS); support RTP multicast mode, support network full command VISCA control protocol.

Item Model for Order

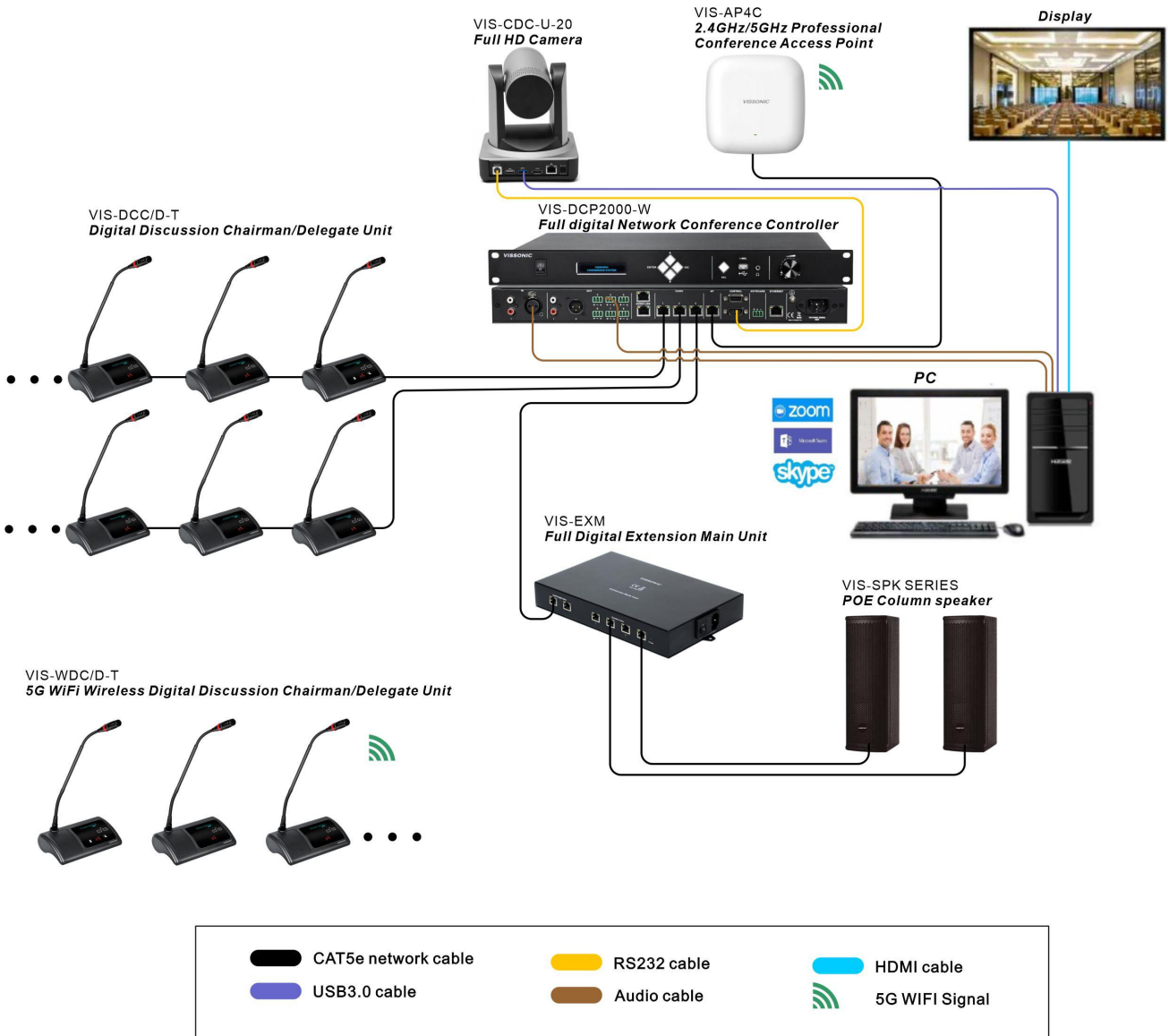
Model VIS-CDC-U-20 20x optical zoom, USB3.0, HDMI, LAN, Ceiling Mount

Specification

VIS-CDC-U	
Video System	HD: 1080p/60/50/30/25/59.94/29.97; 1080i60/50/59.94; 720p60/50/30/25/59.94/29.97
Sensor	1/2.8", CMOS, Effective Pixel: 2.07M
Lens	20x, f5.5mm ~ 110mm, F1.6 ~ F3.5
Digital Zoom	10x (optional)
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	auto / manual
White Balance	Auto/Manual/One Push /3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K
Backlight Compensation	On/Off
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	>55dB
Horizontal Angle of View	54.7° ~ 3.3°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30° ~ +90°
Pan Speed Range	0.1° ~ 60°/s
Tilt Speed Range	0.1° ~ 30°/s
H & V Flip	Support
Number of Preset	255
Preset Accuracy	0.1°
USB Featured	
Operate System	Windows XP, Windows Vista, Windows 7, Windows 8, Mac OS X, Linux
Video Format	USB3.0: 1080p/60/50/30/25; 720p/60/50/30/25; 960×540p30; 640×360p30; 640×480p30; 352×288p30; 800×600p30 USB2.0: 176×144/320×240/320×180/352×288/640×480/720×480/720×576/640×360/800×600/960×540/1024×576/1024×768/1280×720/1920×1080p30/25/20/15/10/5
USB Video Communication Protocol	UVC 1.0
UVC PTZ	Support
IPC Features	
Video Compression	H.265/H.264
Video Stream	Main Stream, Sub Stream
Main Stream Resolution	1920x1080, 1280x720, 1024x576

Sub Stream Resolution	720x576, 720x480, 320x240
Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps
Audio Compression	AAC, MP3, G.711A
Network protocol	RTSP, RTMP, ONVIF, GB/T28181
Control protocol	VISCA/Pelco-D/Pelco-P, baud rate: 115200/9600/4800/2400
Input/Output Interface	
HD Output	1xHDMI: Version 1.3
Network Interface	1xRJ45: 10M/100M Ethernet Interface
USB	1xUSB3.0: Type A female jack 1xUSB2.0: Type A female jack
Communication Interface	1xRS232: 8pin Min DIN, Max Distance: 30m
Power Jack	DC IN 12V
Generic Specification	
Input Voltage	DC 12V
Current Consumption	1.0A (Max)
Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Storage Temperature	-10°C ~ 60°C (14°F ~ 140°F)
MBTF	≥30000 hours
Power Consumption	12W (Max)
Size	150mm x 150mm x 167.5mm
Net Weight	1.1Kg

Application Diagram



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