



S Series

CU9183-HF

VC9101 Unit, Flat Shape (Fisheye)



Technical Specifications

Camera Specifications

Image Sensor	1/2.7" Progressive CMOS
Max. Resolution	1920*1920
Lens Type	Fixed-focal
Focal Length	f= 1.22 mm
Aperture	F 2.0
Iris Type	Fixed Iris
Field of View	180° (horizontal) 180° (vertical) 180° (diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Pro
Minimum Illumination	0.035 lux @ F2.0 (Color)

Video

Maximum Frame Rate	H.265/H.264/MJPEG: 30 fps @ 1920x1920 (WDR On)
Maximum Streams	3 video streams (Up to 8 configurable profiles)
Main Stream	30 fps @ 1920x1920
2nd Stream	30 fps @ 1920x1920
3rd Stream	30 fps @ 1280x1280
S/N Ratio	56.3 dB
Dynamic Range	120dB
Video Streaming	Adjustable resolution, quality and constrained bit rate control, Smart Stream III

Image Settings	General settings video title and time stamp overlay, video orientation (flip, mirror)
	Image settings white balance, image adjustment (brightness, contrast, saturation, sharpness), defog, 3DNR, HLM, scene mode (auto, deblur)
	Exposure BLC, HLC, exposure control (exposure level, exposure time, gain control), AE speed adjustment, WDR
	Privacy mask Pixel calculator
Display Mode	Client Dewarping Ceiling mounted: 1O Fisheye, 1P Panoramic, 2P Two Panoramics, 1R One Region, 4R Four Regions, 1O3R One Fisheye Three Regions, 1O8R One Fisheye Eight Regions Wall mounted: 1O Fisheye, 1P Panoramic, 1R One Region, 4R Four Regions, 1P2R One Panoramic Two Regions, 1P3R One Panoramic Three Regions, 1O3R, One Fisheye Three Regions
	Local Dewarping Ceiling mounted: 1O Fisheye, 1P Panoramic, 2P Two Panoramics, 1R One Region, 4R Four Regions Wall mounted: 1O Fisheye, 1P Panoramic, 1R One Region, 4R Four Regions

General	
Connectors	USB micro b connector (5m cable : USB micro b connector & RJ11 cable connector)
Power Input	sensor unit USB micro b (female); cable USB micro b (male) <=> RJ11
Power Consumption	< 1.25W
Dimensions	CU9183-H: ø 24 x 37 mm (without cable) CU9183-HF: 33x32x28 mm (without cable)
Weight	5m cable: < 210g CU9183-H: 28g CU9183-HF: 52g
Certifications	EMC CE (EN55032, EN55024 Class B), FCC (FCC Part 15 Subpart B Class B), RCM (AS/NZS CISPR32 Class B), VCCI (VCCI-CISPR 32 Class B)
	Safety UL (UL62368-1), CB (IEC/EN 62368-1)
	Environment IA: BSMI (EMC: CNS 13438, Safety: CNS 14336-1)
Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)
Humidity	Outdoor series 98% RH (non-condensing) Indoor series 90% RH (non-condensing)

Included Accessories	
Packing Contents	Quick installation guide, Lens Bracket, cable

DORI (EN 62676-4 Standard)	
Detection (25PPM/ 8PPF)	24.3m
Observation (63PPM/ 19PPF)	9.6m
Recognition (125PPM/ 38PPF)	4.8m
Identification (250PPM/ 76PPF)	2.4m

