



S Series

CU9171-HF

VC9101 Unit, Flat Shape (Pinhole)



Technical Specifications

Camera Specifications

Image Sensor	1/2.7" Progressive CMOS
Max. Resolution	2688x1520 (4MP)
Lens Type	Fixed-focal
Focal Length	f = 3.7 mm
Aperture	F2.5
Iris Type	Fixed Iris
Field of View	93.0° (Horizontal) 48.0° (Vertical) 117.0° (Diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	WDR Pro
Minimum Illumination	0.045 lux @ F2.5 (Color)

Video

Maximum Frame Rate	H.265/H.264/MJPEG: 30 fps @ 2688x1520 (WDR off) 24 fps @ 2688x1520 (WDR on)
Maximum Streams	3 video streams (Up to 8 configurable profiles)
Main Stream	24 fps @ 2688x1520
2nd Stream	24 fps @ 2688x1520
3rd Stream	24 fps @ 1600x904
S/N Ratio	55.9 dB
Dynamic Range	120 dB
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, rotation)
	Image settings white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), defog, HLM, 3DNR, scene mode (auto, deblur)
	Exposure BLC, HLC, exposure control (exposure level, exposure time, gain control), AE speed adjustment, WDR
	Privacy mask Pixel calculator

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	33 (D) x 32 (W) x 20 (H) mm (without cable)
Weight	5m cable: < 210 g CU9171-H: 19 g CU9171-HF: 43 g
Certifications	EMC CE (EN 55032, EN 55024 Class B), FCC (FCC Part 15 Subpart B Class B), RCM (AS/NZS CISPR 32 Class B), VCCI (VCCI-CISPR 32 Class B) Safety UL (UL 62368-1), 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	Indoor series 90% RH (non-condensing)
Warranty	60 months

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

DORI (EN 62676-4 Standard)	
Detection (25PPM/ 8PPF)	77 m (252.6 ft)
Observation (63PPM/ 19PPF)	30.5 m (100.1 ft)
Recognition (125PPM/ 38PPF)	15.4 m (50.5 ft)
Identification (250PPM/ 76PPF)	7.7 m (25.3 ft)