VIVOTEK
A Delta Group Company

S Series

CU9171-HF

VC9101 Unit, Cylinder Shape (Pinhole)



Technical Specifications

Camera Specifications	
Image Sensor	1/2.7" Progressive CMOS
Max. Resolution	2688*1520
Lens Type	Fixed-focal
Focal Length	f = 3.7 mm
Aperture	F 2.5
Iris Type	Fixed Iris
Field of View	93° (Horizontal) 48° (Vertical) 117° (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	24fps@2688x1520
2nd Stream	24fps@2688x1520
3rd Stream	24fps@1600x904
S/N Ratio	55.9 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, rotation) Image settings white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), 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

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 mirco b (male) <=> RJ11
Power Consumption	< 1.25W
Dimensions	CU9171-H: ø 24 x 30 mm (without cable) CU9171-HF: 33x32x20 mm (without cable)
Weight	5m cable: < 210g CU9171-H: 19 g CU9171-HF: 43g
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	Indoor series 90% RH (non-condensing)

Included Accessories

Packing Contents	Quick installation guide, Lens Bracket, cable

DORI (EN 62676-4 Standard)

Detection (25PPM/ 8PPF)	77m
Observation (63PPM/ 19PPF)	30.5m
Recognition (125PPM/ 38PPF)	15.4m
Identification (250PPM/ 76PPF)	7.7m

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