



## S Series

# CU9171-HF

VC9101 Unit, Flat 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)<br>48° (Vertical)<br>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:<br>30 fps @ 2688x1520 (WDR off)<br>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<br>video title and time stamp overlay, video orientation (flip, mirror, rotation)                                                        |
|                | Image settings<br>white balance, image adjustment (brightness, contrast, saturation, sharpness, gamma curve), defog, 3DNR, HLM, scene mode (auto, deblur) |
|                | Exposure<br>BLC, HLC, exposure control (exposure level, exposure time, gain control) AE speed adjustment, WDR                                             |
|                | Privacy mask<br>Pixel calculator                                                                                                                          |

| General               |                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Connectors            | USB micro b connector<br>(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            | CU9171-H: ø 24 x 30 mm (without cable)<br>CU9171-HF: 33x32x20 mm (without cable)                                                         |
| Weight                | 5m cable: < 210g<br>CU9171-H: 19 g<br>CU9171-HF: 43g                                                                                     |
| Certifications        | EMC<br>CE (EN55032, EN55024 Class B), FCC (FCC Part 15 Subpart B Class B),<br>RCM (AS/NZS CISPR32 Class B), VCCI (VCCI-CISPR 32 Class B) |
|                       | Safety<br>UL (UL62368-1), CB (IEC/EN 62368-1)                                                                                            |
|                       | Environment<br>IA:<br>BSMI (EMC: CNS 13438, Safety: CNS 14336-1)                                                                         |
| Operating Temperature | Starting Temperature:<br>0°C ~ 50°C (32°F ~ 122°F)<br>Working Temperature:<br>-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  |