



## S Series

# CU9183-H

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)<br>180° (vertical)<br>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:<br>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<br>video title and time stamp overlay, video orientation (flip, mirror)                                                                                                                                                                                                                                                                      |
|                | Image settings<br>white balance, image adjustment (brightness, contrast, saturation, sharpness), 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                                                                                                                                                                                                                                                                                                                              |
| Display Mode   | Client Dewarping<br>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<br>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<br>Ceiling mounted: 1O Fisheye, 1P Panoramic, 2P Two Panoramics, 1R One Region, 4R Four Regions<br>Wall mounted: 1O Fisheye, 1P Panoramic, 1R One Region, 4R Four Regions                                                                                                                                                                     |

| 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            | CU9183-H: ø 24 x 37 mm (without cable)<br>CU9183-HF: 33x32x28 mm (without cable)                                                      |
| Weight                | 5m cable: < 210g<br>CU9183-H: 28g<br>CU9183-HF: 52g                                                                                   |
| Certifications        | EMC<br>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<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              | Outdoor series 98% RH (non-condensing)<br>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  |

