

# CORSIGHT

PC一体型オールインワン スマートカメラ

MACHINE VISION

## TECHNICAL DATA

| エリアセンサモデル* | Sensor     | Resolution [px]     | Frames per second | Format | Shutter                       |
|------------|------------|---------------------|-------------------|--------|-------------------------------|
| CO4136M2   | Monochrome | 1280 x 1024 / SXGA  | 60                | 1/1.8" | global; rolling; global reset |
| CO4136R2   | Monochrome | 1280 x 1024 / SXGA  | 60                | 1/1.8" | global; rolling; global reset |
| CO4136C2   | Color      | 1280 x 1024 / SXGA  | 60                | 1/1.8" | global; rolling; global reset |
| CO4206M2   | Monochrome | 1600 x 1200 / UXGA  | 50                | 1/1.8" | global; rolling; global reset |
| CO4206C2   | Color      | 1600 x 1200 / UXGA  | 50                | 1/1.8" | global; rolling; global reset |
| CO2239M2   | Monochrome | 1920 x 1200 / WUXGA | 60                | 1/1.2" | global                        |
| CO2239C2   | Color      | 1920 x 1200 / WUXGA | 60                | 1/1.2" | global                        |
| CO1503M2   | Monochrome | 2592 x 1944 / QSXGA | 14                | 1/2.5" | rolling; global reset         |
| CO1503C2   | Color      | 2592 x 1944 / QSXGA | 14                | 1/2.5" | rolling; global reset         |

| ラインセンサモデル* | Sensor     | Pixel count | Pixel size [μm] | Line scan rate [kHz] | Sensor length [mm] |
|------------|------------|-------------|-----------------|----------------------|--------------------|
| COL6270M2  | Monochrome | 2048        | 7.00 x 7.00     | 66                   | 14.33              |
| COL6435M2  | Monochrome | 4096        | 3.50 x 3.50     | 33                   | 14.33              |

\* 型式の最後の1桁は、シリーズを表します。 2 = CORSIGHT II | 3 = CORSIGHT III

## 内蔵PCスペック

|                             | CORSIGHT II  | CORSIGHT III  |
|-----------------------------|--|---|
| CPU                         | Intel Atom E3845, Quad Core 1.91 GHz   | Intel Atom E3940, Quad Core 1.60 GHz                          |
| RAM                         | 4 GB DDR3-1333   | 8 GB DDR4-2133 Dual Channel                                   |
| SSD                         | 16 GB  | 32 GB   |
| FPGA                        | Artix 7 -75 @150MHz via PCIe 2.0 x1  | Artix 7-100 @200MHz via PCIe 2.0 x4   NET Open Camera Concept |
| Supported operating systems | Windows Embedded Standard 7  | Windows 10 IoT Enterprise                                     |
|                             | CentOS 7, optional: RTOS   |   |
| Supported image libraries   | Adaptive Vision Studio, HALCON, VisionPro, OpenCV, MATLAB, MIL, Common Vision Blox |   |

## インターフェース

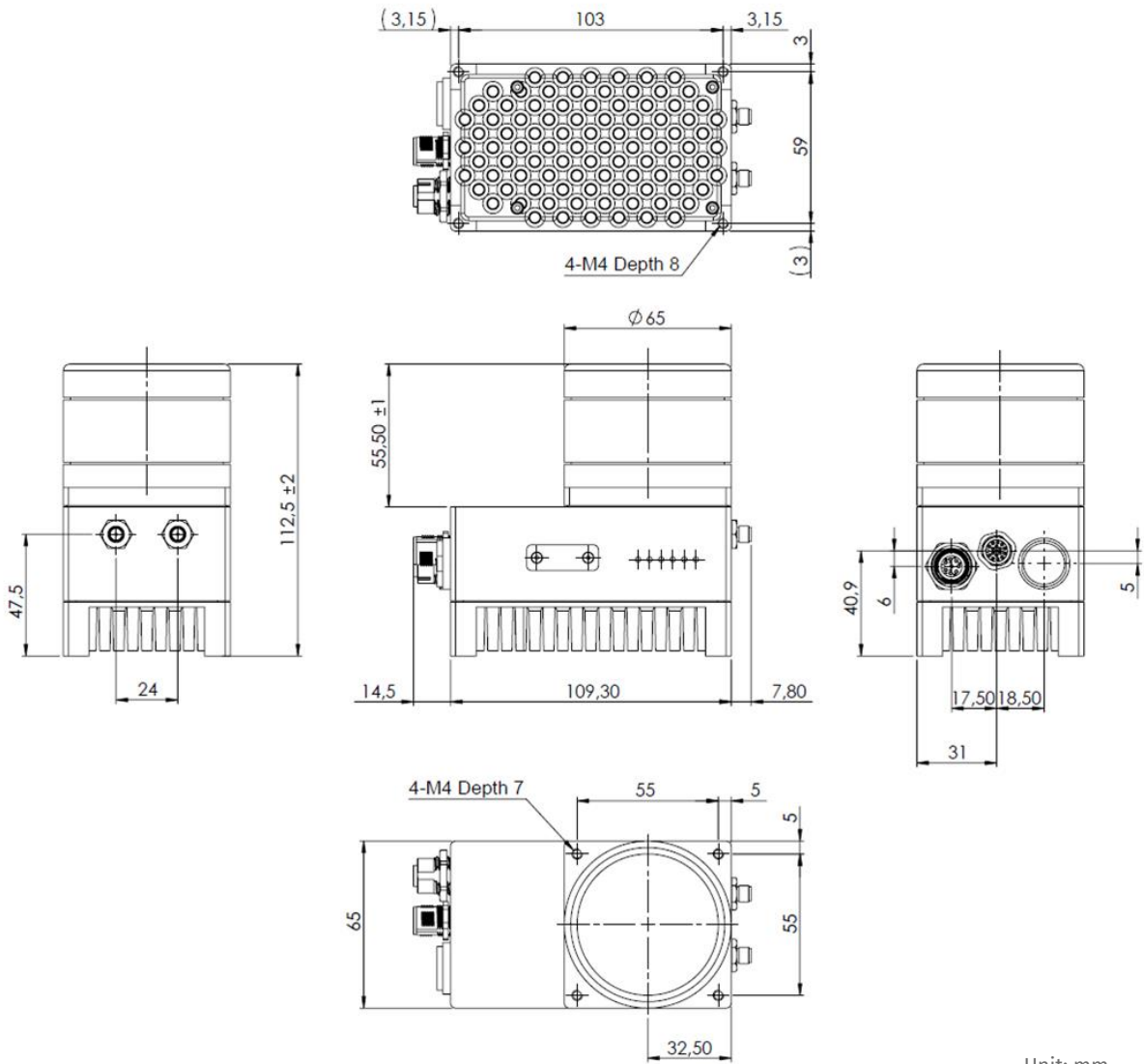
|                        |  |
|------------------------|--|
| Networking             | Gigabit Ethernet, Wi-Fi, Bluetooth, GSM (optional)                   |
| Digital input / output | 4x optocoupled (max. 100kHz), 1x TTL (max. 10MHz)                    |
| USB                    | 1x USB 2.0   |
| Serial                 | 1x RS232   |
| Display                | 2. model series: DisplayPort 1.1<br>3. model series: DisplayPort 1.2 |
| SD card                | Micro SD HC  |

# CORSIGHT

Decentralized Smart Vision Solution

MACHINE VISION

## LAYOUT



Unit: mm

|                                |                      |
|--------------------------------|----------------------|
| <b>Lens mount</b>              | C                    |
| <b>ストロボリング照明</b>               | 内蔵のストロボリング照明 (オプション) |
| <b>Dimensions (WxHxD) [mm]</b> | 65 x 109 x 73        |
| <b>Housing</b>                 | IP67                 |

|                                   |                             |
|-----------------------------------|-----------------------------|
| <b>Weight [g]</b>                 | 516                         |
| <b>Power consumption [W]</b>      | 24 VDC +/- 10%, 18W or PoE+ |
| <b>Operating temperature [°C]</b> | 0 to +50                    |
| <b>Certification</b>              | CE, FCC                     |