

Mitsubishi Contact Image Sensor (CIS)

New line scan-bar designed for surface scanning

New KD-CX Series !



Features

- Electric-shutter
- Binning Function (600/300/200/150dpi)
- Max 91 kHz (466m/min) at 300dpi color
- GenICam®
- Color/mono switchable output

Specification

| Item | KD-CX series | KD-AX3 series |
|-----------------------|--|------------------------------------|
| Valid scan width (mm) | 367/587.2/807.4 | 309.7/619.7/929.6 |
| Total pixel (pixel) | 8,640/13,824/19,008 | 7,296/1,5792/21,888 |
| Line rate(KHz) | 55.0 (600dpi), 91.8 (300dpi) 115.0 (200dpi), 125.9 (150dpi) | 22 (600/300/150dpi) |
| Focal pint (mm) | 12.0 (from glass surface) | 12.0 (from glass surface) |
| Resolution(dpi) | 600/300/200/150 (analog) | 600/300/150 (digital) |
| Interface | CoaXpress® (CXP-6 Single/Dual/Quad) | CameraLink® (Medium/Base Conf.) |
| Power (V) | 24 (LED), 5 (Sensor) | 24 (LED), 5 (Sensor) |
| Outline (LxWxH) | 437/657/877 x 62 x 98.3 | 377/688/997 x 62 x 71 |

GenICam®はEMVA(European Machine Vision Association)の登録商標です。
CoaXpress®はAIA(Automated Imaging Association)の登録商標です。
Camera Link®はAIA(Automated Imaging Association)の登録商標です。

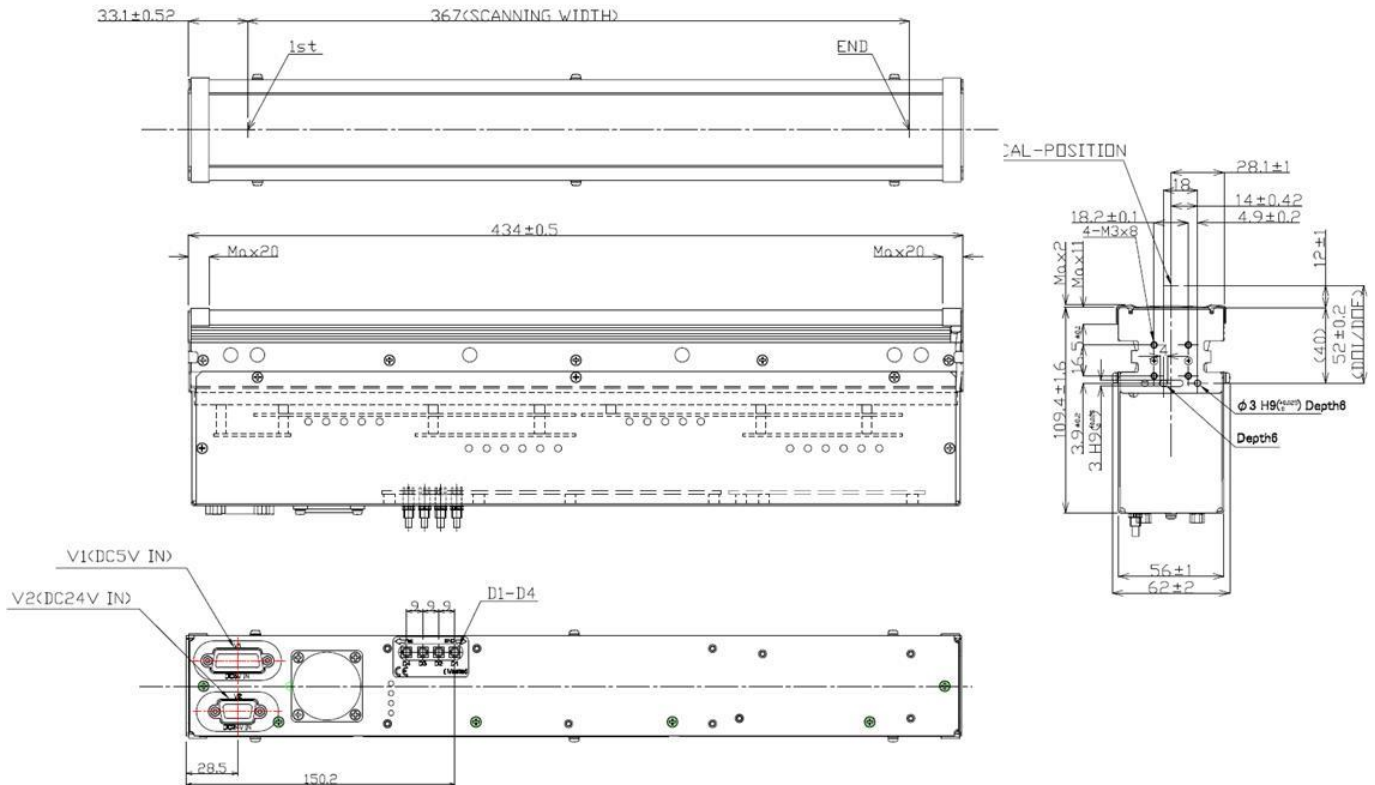


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Scan speed

| Condition | | | Line rate (kHz) | | | | Transporting speed (m/min.) | | | |
|-----------|------------------|----------------|-----------------|--------|--------|--------|-----------------------------|--------|--------|--------|
| | | | 600dpi | 300dpi | 200dpi | 150dpi | 600dpi | 300dpi | 200dpi | 150dpi |
| KD-CX | 30bit RGB | Internal sync. | 55.0 | 96.2 | 130.6 | 159.1 | 140 | 488 | 995 | 1616 |
| | | External sync. | 50.6 | 80.9 | 100.9 | 115.2 | 128 | 411 | 769 | 1170 |
| | 24bit RGB | Internal sync. | 55.0 | 96.2 | 130.6 | 159.1 | 140 | 488 | 995 | 1616 |
| | | External sync. | 55.0 | 91.8 | 112.0 | 125.9 | 140 | 466 | 854 | 1279 |
| KD-AX3 | 30bit RGB | 11.5 | 23.0 | | | 29 | 116 | 174 | 232 | |
| | 24bit RGB | 23.0 | | | | 58 | | | | |
| KD-MX | 10bit Monochrome | 43.4 | | | | 110 | 220 | 330 | 440 | |
| | 8bit Monochrome | | | | | | | | | |

Outline



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