

DH-MV-S5600MG00E

- Movidius Myraid 2 VPU
- 512MB RAM & 512MB NAND
- Conform to CE, FCC and RoHS certifications
- Software trigger/Hardware trigger/Free run mode
- Embedded algorithm: code-reading, template matching
- 1Gbps Ethernet industrial interface, max 100m transmission



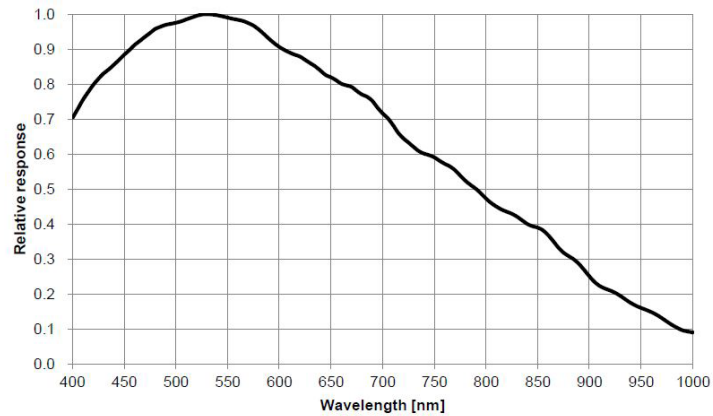
Specification

| Model | Sensor | Sensor type | Shutter | Resolution | Frame rate (fps) | Bit depth | Interface | Mono/Color | Pixel size (μ m) | Sensor size |
|------------------|--------|-------------|---------|------------|--------------------|-----------|-----------|------------|--------------------|-------------|
| DH-MV-S5600MG00E | IMX178 | CMOS | Rolling | 3072x2048 | 15 | 10 | GigE | Mono | 2.4x2.4 | 1/1.8" |

| | |
|------------------|--|
| Model | DH-MV-S5600MG00E |
| Effective Pixels | 6.2MP |
| Processor | Movidius Myraid 2 VPU |
| SNR | >38dB |
| Dynamic Range | 66dB |
| Interface | M12 8-pin Ethernet, M12 12-pin GPIO |
| GPIO | 12 pins I/O connector, RS232/485(optional): 1ch input, 1ch output; Opto-isolated:3ch input; 3ch output |
| Memory | 512MB RAM and 512MB non-volatile flash memory |
| Exposure Time | 34μs~1s |
| Trigger Mode | Software trigger/Hardware trigger/Free run mode |
| SDK | SVStudio |
| Dimensions | 68mm x 55mm x 28mm(not including lens mount and height of connectors) |
| LED indicator | 5 LED indicators represent system, network, trigger and 2 sets of user-defined configurations |
| Lens mount | Support C-mount, M12 mount and optional built-in illumination |
| Power Supply | Support 8~26V DC wide range power supply |
| IP Rating | IP67 with lens cover |
| Temperature | Storage temperature: -30° C~ + 80° C; Operation temperature: -20° C~+50° C |

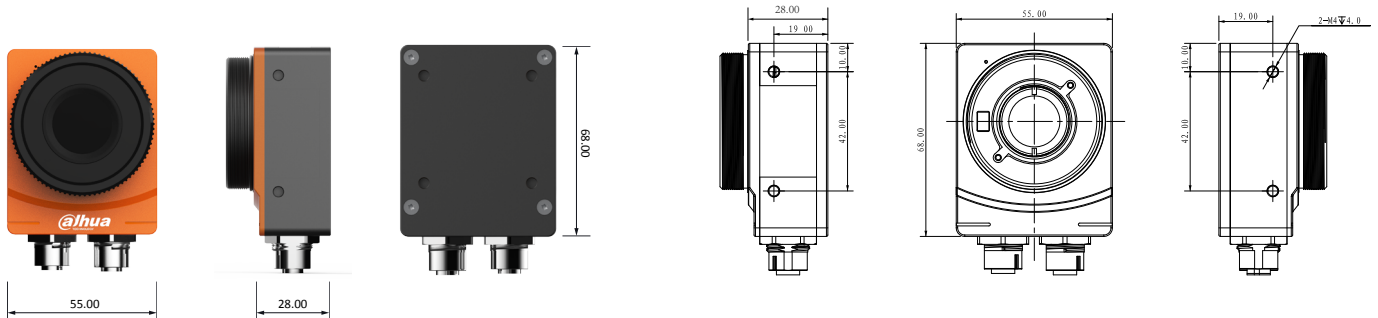
Spectrogram

S5600MG00E

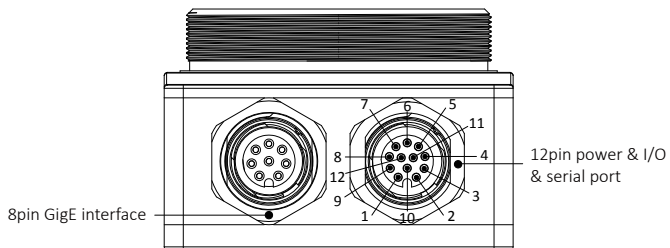


Quantum Efficiency Curve for Mono Sensor

Dimensions



IO Interface Instruction



| Pin | Signal | Description |
|-----|--------------|--------------------------|
| 1 | OPTO_IN1 | Opto-isolated input 1 |
| 2 | OPTO_IN2 | Opto-isolated input 2 |
| 3 | OPTO_OUT1 | Opto-isolated output 1 |
| 4 | OPTO_OUT2 | Opto-isolated output 2 |
| 5 | RXD\B(-) | Serial port input |
| 6 | OPTO_IN_GND | Opto-isolated in ground |
| 7 | POWER | DC 8V-24V input |
| 8 | GND | Power ground |
| 9 | OPTO_OUT_GND | Opto-isolated out ground |
| 10 | OPTO_IN0 | Opto-isolated input 0 |
| 11 | OPTO_OUT0 | Opto-isolated output 0 |
| 12 | TXD\A(+) | Serial port output |