

## IMB-719GS Specification

| Features (IMB-719GS)              |                                                                                |                                                      |
|-----------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------|
| Image Sensor Type                 | 1/2.9-inch Sony CMOS Sensor (IMX273LLR-C)                                      |                                                      |
| Picture Size                      | 1440(H) x1080(V) 1.55M pixels                                                  |                                                      |
| Cell Size(um)                     | 3.45 x 3.45                                                                    |                                                      |
| Real Frame Rate                   | 78 (1440 x 1080, Mono8)                                                        |                                                      |
|                                   | 39 (1440 x 1080, Mono12)                                                       |                                                      |
| Lens Mount                        | C-Mount                                                                        |                                                      |
| Scanning System                   | Progressive System                                                             |                                                      |
| Frame Format                      | Mono8, Mono12                                                                  |                                                      |
| Trigger                           | Edge                                                                           | Rising Edge or Falling Edge (Photo coupler)          |
|                                   | Mode                                                                           | 0, 15                                                |
|                                   | Source                                                                         | External Trigger (Photo-coupler) or Software Trigger |
| Strobe                            | Support Normal Mode or Trigger Mode (Photo-coupler)                            |                                                      |
| Memory Save/Load                  | 9 Channels (0: factory, 1~8: mode/feature)                                     |                                                      |
| One-shot/Multi-shot               | 65535 Shots                                                                    |                                                      |
| Control Functions                 | Brightness, Sharpness, Gamma, Auto-Exposure, Shutter, Gain<br>User Defined LUT |                                                      |
| SIO(RS-232)                       | Not support                                                                    |                                                      |
| Digital Interface / Transfer Rate | 1000BT, RJ45 / 1Gbps                                                           |                                                      |
| Gain                              | 0 ~ 24 dB                                                                      |                                                      |
| Shutter Speed                     | 50 usec ~ 2sec, Global shutter                                                 |                                                      |
| Data Depth                        | 12 bit A/D                                                                     |                                                      |
| Supply Voltage                    | DC +12V ~ +24V ±10%                                                            |                                                      |
| Power                             | Less than 2.7W                                                                 |                                                      |
| External Dimension (H x V x T)    | 29(W) x 29(H) x 51.1(D) mm                                                     |                                                      |
| Weight                            | Approx. 80 gram                                                                |                                                      |
| Operation Temp.                   | -10°C to 50°C (Humidity: 0%RH ~ 80%RH)                                         |                                                      |
| Storage Temp                      | -30°C to 60°C (Humidity: 0%RH ~ 90%RH)                                         |                                                      |
| Camera Specification              | AIA GigE Vision version 1.0                                                    |                                                      |

Remark: Camera specification described above may be changed without notice

## IMB-719GS Dimension and Description

Camera Body Size: 29(w) x 29(H) x 45.5(D)mm (without Lens adaptor)  
 Camera Body Weight: Approx. 80 grams

