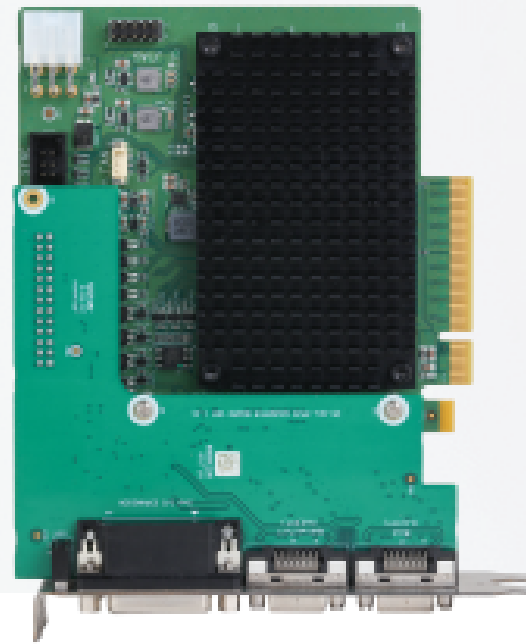


# CameraLink Frame Grabber

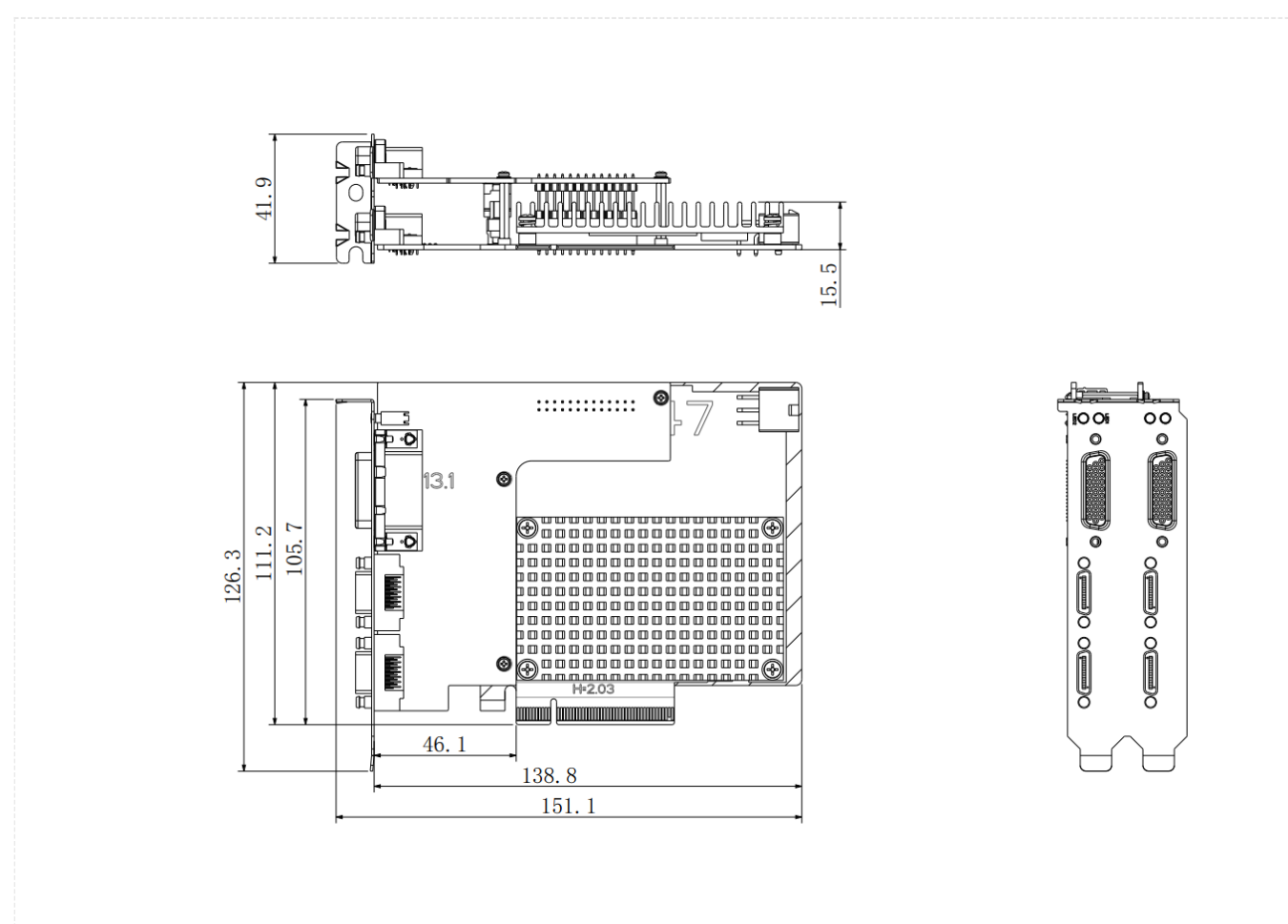
## GCL-5F40E



### Features

- Supports PoCL(Power over Camera Link)
- Clock frequency covers the range from 20 MHz up to 85 MHz
- Supports Medium, Full, 80-Bit configuration modes
- Supports multiple I/O channels
- Compatible with Cameralink 2.0 protocol
- Compatible with GenIcam standard

### Dimensions (mm)



Specification

|                |                             |                                                                                                                                    |
|----------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Model          |                             | GCL-5F40E                                                                                                                          |
| Basic          | Type                        | CamerLink Frame Grabber                                                                                                            |
|                | Model                       | GCL-5F40E                                                                                                                          |
|                | Protocol                    | Camera Link 2.0                                                                                                                    |
|                | Pixel Format                | Mono 8/10/12Bayer 8/10/12/RGB 8                                                                                                    |
|                | Transmission Configurations | Medium/Full/80bit                                                                                                                  |
|                | Clock Frequency             | 20MHz~85MHz                                                                                                                        |
|                | Taps                        | 1/2/3/4/8/10tap                                                                                                                    |
|                | On-board Memory             | 1GB                                                                                                                                |
|                | Camera Compatibility        | Camera Link Interface Industrial Cameras                                                                                           |
|                | Number of Cameras           | 2 × 80-bit, Full, Medium                                                                                                           |
| Software       | Software                    | Mv Viewer2.4.1                                                                                                                     |
|                | Operating System            | Windows 7/8/10 64 bit                                                                                                              |
| Power          | Power Supply                | PCIe/ATX 6-pin Connector                                                                                                           |
|                | Power Consumption           | 9.2W (without PoCL)                                                                                                                |
| Structure      | Product Dimensions          | 151.1mm×126.3mm×41.9mm                                                                                                             |
|                | Net Weight                  | 0.24kg                                                                                                                             |
| Host interface | Host Bus Standard           | PCIe 2.0 ×8 (occupies 2 PCIe slot locations)                                                                                       |
|                | Host Bus Link speed         | 5GT/s ( PCIe 2.0 )                                                                                                                 |
|                | Delivery bandwidth          | 1780MB/s(Peak delivery bandwidth), 1650 MB/s (Sustained delivery bandwidth)                                                        |
| Port           | Interface                   | SDR×4                                                                                                                              |
|                | I/O Lines                   | 10 IOs up and down : • 2× differential input(Single-end Supported) • 4× Opto-isolated Input (DIN) • 4× Opto-isolated Output (DOUT) |
|                | Connector                   | 26-pin pole top and bottom 3-row high-density female sub-D connector                                                               |
|                | Transfer Rate               | 6.8 Gbps(850 MB/s)                                                                                                                 |
| Environment    | Operating Temperature       | 0~50℃                                                                                                                              |
|                | Storage Temperature         | -20~70℃                                                                                                                            |
|                | Operating Humidity          | 10% ~ 90%RH, non-condensing                                                                                                        |
|                | Storage Humidity            | 10% ~ 90%RH, non-condensing                                                                                                        |