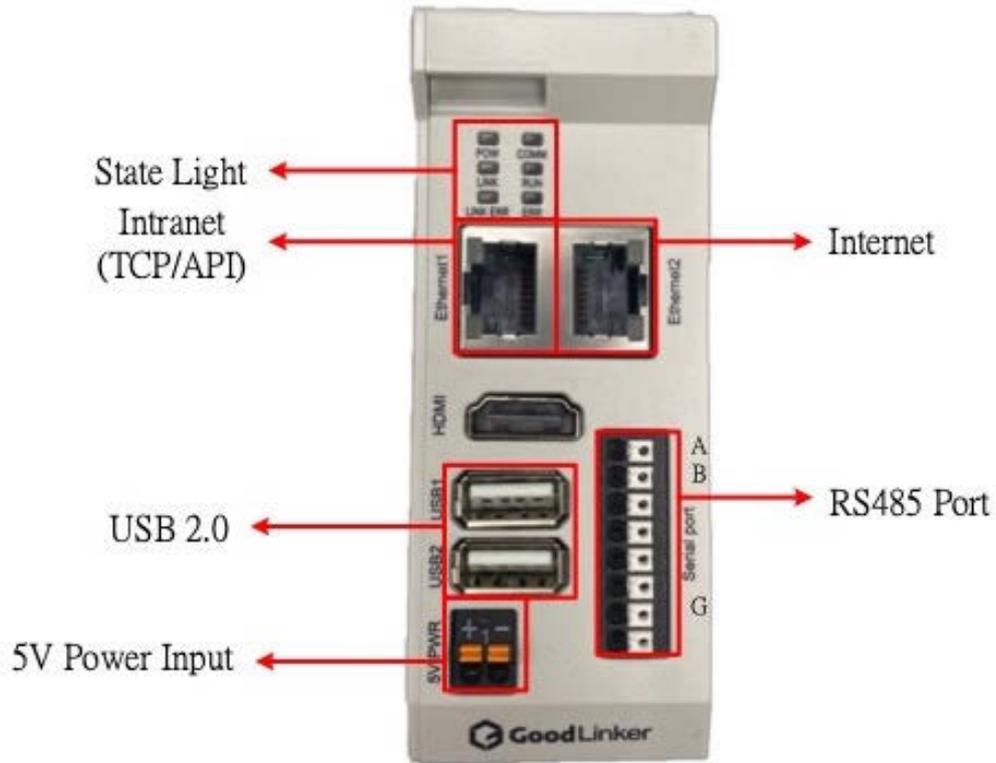




## Appearance

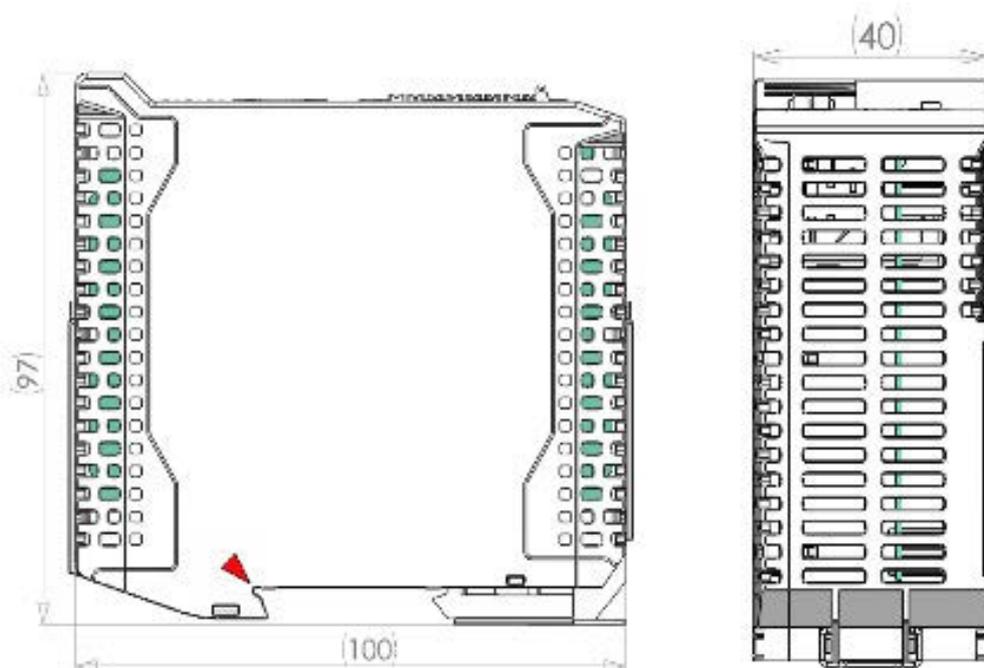
### BCM-100



## Dimensions

### BCM-100

Unit: mm



## Specifications

### Computer

CPU	Cortex-A53, 64-bit SoC @ 1.2GHz
GPU	VideoCore IV with OpenGL ES 1.1, 2.0
RAM	ELPIDA B8132B4PB-8D-F 1GB LPDDR2
Memory	32GB eMMC Flash memory
OS	ArchLinux (Linux Kernel: 4.19.xx)

### Computer Interface

Display	1 x HDMI
USB	2 x USB 2.0
Ethernet	1 x 100Mbps Port (SMSC LAN9514-JZX)
Indicator	6 x LED for System status
COMM	1 x RS-485 via iO-Grid

### Ethernet Interface

Ethernet Ports	Auto-sensing 10/100 Mbps ports (RJ45)
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### Serial Interface

Serial Ports	1 x RS-485
Data Bits	7 、 8
Parity	Even 、 Odd 、 None
Baud rate	1.2K 、 2.4K 、 4.8K 、 9.6K 、 14.4K 、 19.2K 、 38.4K 、 57.6K 、 115.2K

### Serial Signals

RS485-2w	Data+, Data-, GND
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### LED Indicators

POW	Power
COMM	Module/Modbus connection
LINK	Server connection
RUN	System Run
LINK ERR	Data upload error
ERR	System operation Error

## Physical Characteristics

Housing	Polycarbonate
Dimensions	40mm x 100mm x 90.5mm (W x D x H)
Weight	130.6g
Installation	DIN-rail mounting

## Power Supply

Input Voltage	5V
Input Current	1A
Power Consumption	5W

## Mechanical & Environmental

Operating Temp.	0°C to +50°C (32°F to +122°F)
Storage Temp.	-20°C to +75°C(-4°F to +167°F)
Storage Temp.	10% to 90%, non-condensing
Dimensions	40mm x 100mm x 90.5mm (W x D x H)
Weight	130.6g
Installation	DIN-rail mounting

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