ADAPTIVE **RECOGNITION**

Technical Datasheet

BoB MINI



Electrical

Input Voltage	10 – 50 VDC*
Protection	Overvoltage, reverse polarity
Power consumption (MAX)	
Without load on AUX and CAM ports	1.5 W
Full load	36 W

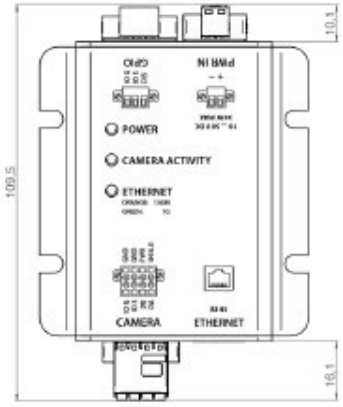
*The device tolerates a momentary drop of input voltage to 6.5 V.

Enviroment

Ingress protection class	IP40
Ambient temperature	-40°C – 55°C

Mechanical

Weight	103 g
Size (LxWxH)	83x74x23 mm



Wiring

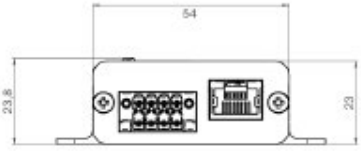
Signal wires	
Wire diameter	0.25 mm2 - 1.5 mm2
Strip/ferrule length	10 mm
Power wires	
Wire diameter	0.25 mm2 - 1.5 mm2
Strip/ferrule length	7 mm

Tools required

For mounting connectors	2 or 2.5 mm flat/slotted screwdriver
For crimping cables	Cable crimper
Crimps	10 and 7 mm

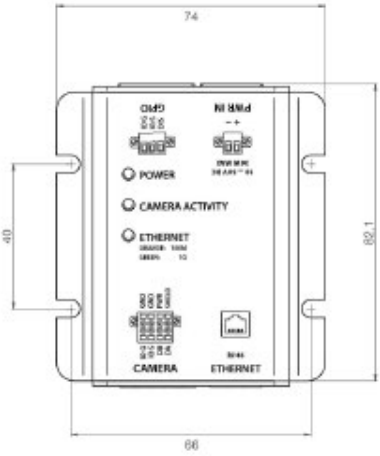
Camera connector

1	DA	Data A (Green/white)
2	DB	Data B (Green)
3	IO_S	IO Signal (Orange/white)
4	IO_G	IO Ground (Orange)
5	SHIELD	Cable shielding (Shield/black)
6	PWR	Power in (Brown and Brown/white)
7	GND	Ground (Blue)
8	GND	Ground (Blue/white)



IO Connector

1	PWR_DIS	Enable/disable camera power, reference: POWER IN - - floating or more than 3 V: power enabled - short or less than 2 V: power disabled
13	IO_S	Camera direct I/O port, signal
14	IO_G	Camera direct I/O port, ground



Status LED key

	Green	Unlit	Orange
Power	Power OK	No input power	Camera power fault or disabled
Camera Activity	Blinking means active camera link	No camera link	
Ethernet	Blinking: 1000M	No Ethernet link	Blinking: 100M

Technical specifications are subject to change without prior notice. This document does not constitute an offer.

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