

# BIT MAXX GIGABIT PoE+ SPLITTER

The PoE+ splitter allows the use of non - PoE cameras in a PoE environment.

Power is supplied to PoE+ Splitter by a PoE Switch (sold separately).

The PoE+ splitter supplies 12VDC to the camera via the I/O connector and data is supplied via the RJ45 (Data Out) connector. (Cables sold separately.)

Terminal block is supplied for convenient connection to the camera I/O, eliminating the need for expensive breakout cables.

The PoE+ Splitter can be mounted directly onto many popular GigE Vision® cameras.

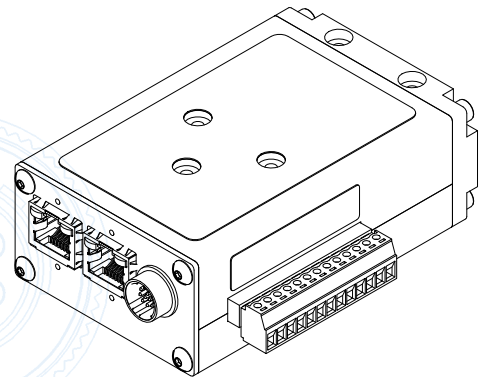
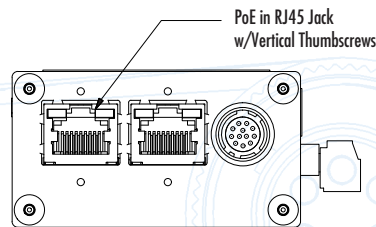
The device eliminates the need for separate power supplies and AC electrical outlets.

- Improved cable management
- No power supply needed
- Convenient Aux terminals
- Industrial grade enclosure
- Cost effective

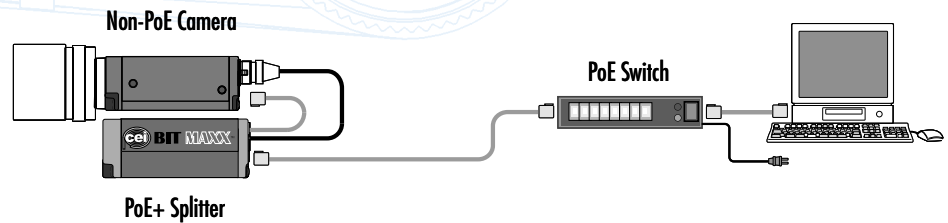
## BIT MAXX™

### PART NUMBER:

MVB-PoE-S



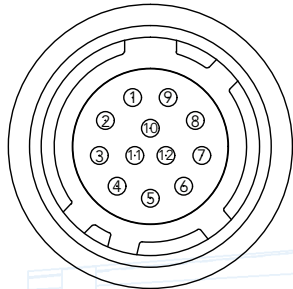
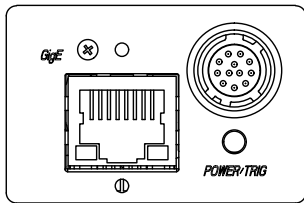
### Typical Application:



### Additional Specifications:

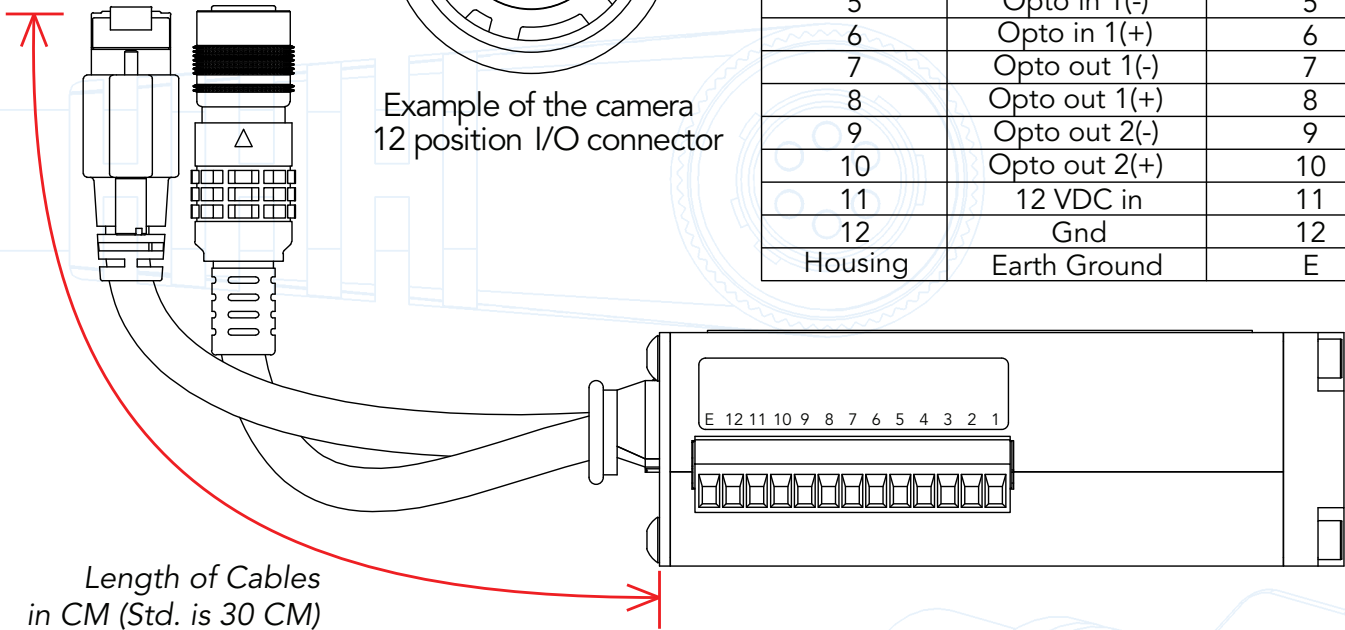
- **TERMINAL BLOCK** : 12VDC Power is supplied to the Terminal block.
- **WARNING! DO NOT SUPPLY EXTERNAL POWER TO THE TERMINAL BLOCK.**
- The power is supplied to the terminal block on the same contact positions as I/O on camera.
- **POWER OUTPUT:** Total output power budget for device is dependant on type of PoE switch used.
- Power on terminal (PT) = Total power supplied by switch (PS) - Power consumed by camera (PC) (PT = PS - PC) I.E. 8.15W = 12.95W - 4.8W PT = Power available on terminals, PS = Power supplied by switch, PC = Power consumed by camera

I/O Pin Location Neg/Pos (pins 1-12)  
 Note: Terminal block is a direct interface  
 to Camera I/O connector.



Example of the camera  
 12 position I/O connector

Example of the 12 position I/O connector		
I/O 12p Con.	I/O signals	Terminal Block
1	Gnd	1
2	+12 VDC in	2
3	Opto in 2(-)	3
4	Opto in 2(+)	4
5	Opto in 1(-)	5
6	Opto in 1(+)	6
7	Opto out 1(-)	7
8	Opto out 1(+)	8
9	Opto out 2(-)	9
10	Opto out 2(+)	10
11	12 VDC in	11
12	Gnd	12
Housing	Earth Ground	E



Length of Cables  
 in CM (Std. is 30 CM)