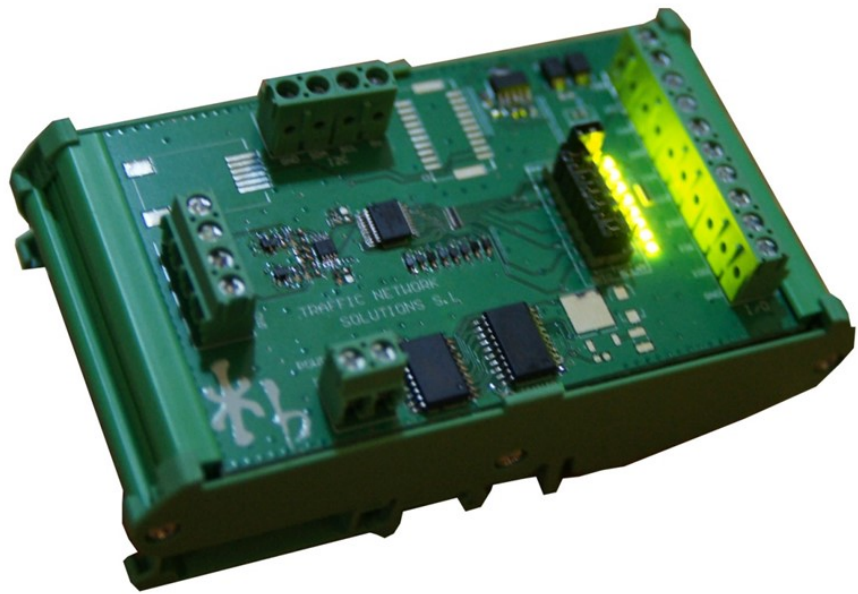


IO Expander Board



IO Board

- *Inputs for alarms*
- *Outputs for sending traffic information to VMS or Traffic Controllers*
- *Battery voltage meters to supervise batteries for third party equipment at a road-side installation*

POWER SUPPLY

5 VDC

Powered by the Deepblue Sensor

COMMUNICATION

I2C Bus

PERIPHERALS

Eight Software controlled General purpose input/output

Digital IO mode: low < 0.7 VDC / high > 2.4 VDC

Internal pull-up voltage +3.3 VDC

Maximum external pull-up voltage +5.5 VDC

Relay mode: maximum voltage 48 VDC

Relay mode: maximum current 500 mA

Two battery voltage meters

ENVIRONMENTAL

-30°C to +80°C*

0 to 90% relative humidity

DIMENSIONS & WEIGHT

H x W x L 49 mm x 70 mm x 127 mm

0.3 kg

DIN-rail mounted

REGULATORY

RoHS compliant

CE, FCC

With our dedication to continuous development the specifications are subject to change. To verify the current information please visit www.deepbluesensor.com

Passionately designed by

trafficnow®