

Compact data logger for fleet management

- 4 CAN high speed interfaces
- Quickstart, No Message Lost (NML), Wake on CAN (WoC)
- Integrated 3G modem, WiFi and GPS receiver
- 1 digital output, 2 digital inputs
- 2 analog inputs 0 ... 40 VDC @ 10 bit/200 Hz cut-off frequency
- Plastic and aluminum housing, gold anodized
- Configuration with IPEmotion software



Device	
Operating system	Linux (64 bit)
Processor	ATOM x5-E3930
RAM memory	2 GB
Data logger software	dataLog
Storage medium	m2.SATA
Storage capacity	64 ... 512 GB
Voltage supply	6 ... 36 VDC
Supply voltage thresholds	Switch-on 6 ±0.3 VDC / Switch-off 6 ±0.3 VDC
Power consumption, typical	> 5.0 W
Working temperature range	-20 ... 75 °C (-4 ... 167 °F)
Storage temperature range	-30 ... 85 °C (-22 ... 185 °F)
IP-Code	IP 40 (ISO 20653 – 2013)
Relative humidity	5 ... 95 %
Dimensions	B165 mm x H45 mm x T105 mm (5.20 in x 1.42 in x 4.25 in)
Weight	450 g (1.0 lb)
Software functions	
Configuration software	IPEmotion
No Message Lost (NML)	Yes
Wake on CAN (WoC)	Yes
On board math & logic operations	Yes
File formats for data storage	BLF, AVI, WAV, MDF4.0, MDF4.1, ASC, ATFX
Interfaces	
Ethernet interface to PC	100 Mbit
CAN HS (ISO 11898-2)	Yes
Digital I/O	2/1
Interface option 1	4 CAN

Protocols and traffic	
CCP / XCP on CAN	Yes
OBD	Yes
KWP on CAN	Yes
UDS / ODX / PDX	Yes
CAN traffic	Yes
Wireless communication	
GNSS (Global Navigation Satellite System)	10 Hz (GPS) / 5 Hz (GPS+BeiDou / Glonass)
WiFi	2.4 GHz / 5 GHz (WiFi 802.11 a/b/g/n/ac)
Modem	3.75G (UMTS / HSPA)
IPEcloud / FTP server	Yes
Video	
USB Video Class (UVC)	Yes
Accessories	
Input cable	666-500.pdf
Antenna	113734.pdf