

### Compact data logger for fleet management

- 4 CAN high speed interfaces
- CompactFlash (CF) data storage up to 64 GB
- Integrated 3G modem, WiFi and GPS receiver
- Driver display on IPEmotion Android App
- Quickstart, Wake on CAN (WoC)
- Galvanic isolation of CAN inputs
- Developed for applications in harsh environments
- Configuration with IPEmotion via LAN interface
- Software integration via XCP on ETH / A2L format



<b>Device</b>	
Operating system	RTOS 32 (32 bit)
Processor	LX800
RAM memory	256 MB
Data logger software	TESTdrive
Storage medium	CF
Storage capacity	8/ 16/ 32 GB
Voltage supply	9 ... 36 VDC
Supply voltage thresholds	Switch-on 9 ±0.3 VDC / Switch-off 9 ±0.3 VDC
Power consumption, typical	7.5 W
Working temperature range	-40 ... 85 °C (-40 ... 185 °F)
Storage temperature range	-40 ... 85 °C (-40 ... 185 °F)
IP-Code	IP 54 (ISO 20653 - 2013)
Relative humidity	5 ... 95 %
Dimensions	B140 mm x H40 mm x T185 mm (5.51 in x 1.57 in x 7.28 in)
Weight	1020 g (2.25 lb)
<b>Software functions</b>	
Configuration software	IPEmotion
Wake on CAN (WoC)	Yes
On board math & logic operations	Yes
File formats for data storage	DAT, BIN, AVI, WAV, MDF4.1
<b>Interfaces</b>	
Ethernet interface to PC	100 Mbit
CAN HS (ISO 11898-2)	Yes
Digital I/O	2/2
Driver display system	IPEmotion App
Interface option 1	4 CAN

<b>Protocols and traffic</b>	
CCP / XCP on CAN	Yes
J1939	Yes
GM-LAN	Yes
OBD	Yes
WWH-OBD	Yes
KWP on CAN	Yes
UDS / ODX / PDX	Yes
XCPonETH	Yes
openABK	Yes
CAN traffic	Yes
CAN send	Yes
<b>Wireless communication</b>	
GNSS (Global Navigation Satellite System)	1 Hz (GPS)
WiFi	2.4 GHz (WiFi 802.11 b/g)
Modem	3G (UMTS)
IPEcloud / FTP server	Yes
<b>Video</b>	
USB Video Class (UVC)	Logitech / ELP / Misumi
<b>Accessories</b>	
System cable	620-574.pdf
System cable	620-591.pdf
System cable	620-691.pdf
System cable	620-429.pdf
System cable	USB2ETH-LOG.pdf
Input cable	620-685.pdf
Input cable	600-739.pdf
Input cable	620-324.pdf
Input cable	620-578.pdf
Input cable	620-679.pdf
Input cable	620-621.pdf
Antenna	IPE-ANT-001.pdf
Antenna	IPE-ANT-006.pdf
Antenna	IPE-ANT-005.pdf
Antenna	IPE-ANT-004.pdf