

# COMgate V3



## M-LOG/M-LOG V3 wireless communication gateway

- ▶ External communication add-on built-in a M-LOG/M-LOG V3 compatible housing
- ▶ Wireless data transfer for measuring data and system configuration
- ▶ COMgate V3 supporting WiFi 802.11 a/ b/ g/ n and GSM/3G/4G modem
- ▶ Combined PWR/data cable to M-LOG/M-LOG V3 (Power/Ethernet)
- ▶ WPS Button to exchange SSID in access point operating mode
- ▶ No mechanical rotating components like CPU fan, hard drives ...
- ▶ Designed for automotive in-vehicle use

General	
Voltage supply	9 V <sub>DC</sub> to 36 V <sub>DC</sub> , Switch-off for voltage < 6 V
Power consumption, typical	< 6.0 W
Operating temperature range	-40 °C ... +85 °C (-40 °F ... +185 °F)
Storage temperature range	-40 °C ... +95 °C (-40 °F ... +203 °F)
Relative humidity	5 ... 95 %
IP-Code	IP 54 (ISO 20653 - 2013)
Dimensions (L x W x H)	W158 mm x H26.5 mm x D102 mm (W6.22 in x H1.04 in x D4.02 in)
Weight	approx 600 g (1.32 lb)
M-LOG compatibility	LX 800, TESTdrive version ≥ 3.17, option 2 x ETH
Interfaces	
Wireless LAN, built-in (SMA connector for external antenna)	Standard WiFi 802.11 (2.4 GHz and 5 GHz) a / b / g / n for data transfer to local WiFi access points
External modem	Dedicated LEMO 0B – 9pin connector to interface external modems including status signal communication
Modem, built-in (FME connector for external antenna)	GSM (GPRS, EDGE) Quadband 3G (UMTS) 850/900/1800/1900 MHz 4G (LTE) bands    North America: 2, 4, 5, 7, 17 EMEA/APAC: 1, 3, 5, 7, 8, 20 APAC/S-America: 1, 3, 5, 7, 8, 28
2x LAN	2 Gigabit Ethernet interfaces operating in parallel to PC and Logger

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<b>Cables &amp; Antennas</b>	
LOG ETH Cable COMgate	Cable 620-692.xx (data logger connection)
LOG GB-ETH Cable RJ45	Cable 620-688.xx (PC connection)
WiFi antenna	SMA(R)-UFL (standard male connector)
Modem LTE antenna	FME (standard male connector)
<b>Status indication</b>	
Device LED multicolor	Status indication (operation, error, power supply)
PC link LED	Indicating PC communication
Logger link LED	Indicating logger communication
WiFi/Modem (internal & external)	Indicating operation status
WiFi/Modem (internal & external) multicolor LED red LED yellow LED green	Signal strength < 50 % Signal strength 50 % ... 75 % Signal strength > 75 %