



The new Remote DL 4G enables customer together with VDO Fleet to do the Remote Download from tachograph data via GSM LTE communication. Data can be downloaded flexibly anytime from anywhere (all European countries) automatically without driver intervention.

Together with the VDO Fleet Remote Download Services, we support the downloading of tachograph and driver data around the clock and even on the go – tailored to your data needs.

- / Reliable 4G connection with fallback to 3G and 2G network

- / Remote download of tachograph and driver cards data

/ Track & Trace including external GPS antenna

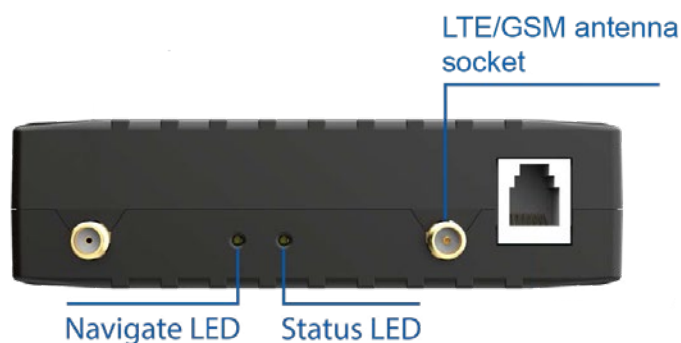
REMOTE DL 4G

Fully Automated Remote Download of
Tachograph Data via LTE

TECHNICAL SPECIFICATIONS

Power supply	10–30 V DC with overvoltage protection
Overvoltage protection	Automotive Standard for Vehicle Protection
Power consumption 24 V application	Full operations mode ~33 mA / fully working and collecting data each 30 sec ~22 mA / GPRS OFF (nominal) ~20 mA / GPS SLEEP ~14 mA / Online sleep ~5 mA / Deep sleep ~2 mA
12 V application	Full operations mode ~170 mA
Host controller	ARM 11 Family
Memory	2 MB internal flash memory and external Micro SD card up to 32GB
Technology / 2G bands / 3G bands / 4G bands dedicated for EMEA region / Data transfer	LTE Cat 1, UMTS, GSM EG91-EX: GSM: B3/B8 EC91-EX: WCDMA: B1/B8 EC91-EX: LTE FDD: B1/B3/B7/B8/B20/B28 LTE FDD: Max 10 Mbps (DL)/Max 5 Mbps (UL) WCDMA: Max 384 Kbps (DL)/Max 384 Kbps (UL) GPRS: Max 107 Kbps (DL)/Max 85.6 Kbps (UL)

CAN-Schnittstelle	
/ Interfaces	2
/ Interface certificate	ISO 11898
/ Transfer rate	up to 1 MBit/s
/ Format	Base format (11 bits for identifier) and extended frame (29 bits identifier)
/ CAN1	DTCO CAN
Environment	
/ Operating temperature	–40 °C to +85 °C
/ Operating humidity	5 % to 95 %, non-condensing
/ Protection ingress	IP42 according to IEC 6052
Dimensions	104,1 x 76,8 x 31,5 mm (L x W x H)
Weight	197 g
Connectors	
/ Connector I (main)	2x10 socket
/ LTE/GSM external antenna	Fakra (LTE CAT 1 High Gain)



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