LTE modem EasyGateway V50

Data connection and simple commissioning

- Communication Gateway for wireless and hard-wired communication
- The EasyGateway V50 connects the UMG measuring devices with Ethernet interface with the PC via LTE network
- The Power Grid Monitoring Software GridVis® includes a driver, which enables the simple establishment of a connection with the measuring devices via the V50
- Connection of the EasyGateway to the measuring device
- Setting up the measuring device in GridVis® and selection of the EasyGateway communication
- Activation of the connection via GridVis® necessary
- Suitable for: UMG 604-PRO, UMG 605-PRO, UMG 96RM-E, UMG 509-PRO und UMG 512-PRO
- Connection of the following devices via RS485 (max. 10–15 devices): UMG 96-PA / UMG 96-PA-MID / UMG 96-PA-MID+ / UMG 96 PQ-L / UMG 96RM-CBM / UMG 103-CBM

Managed Service – Connect-2-Control[1]

- Connect-2-Control (C2C) is a simple and secure managed solution
- Simple access to the measuring device (location-independent) is guaranteed via public IP networks (internet, mobile data networks, company networks)
- Certificate-protected security (SSL)
- SSL-encrypted from the PC to the Gateway
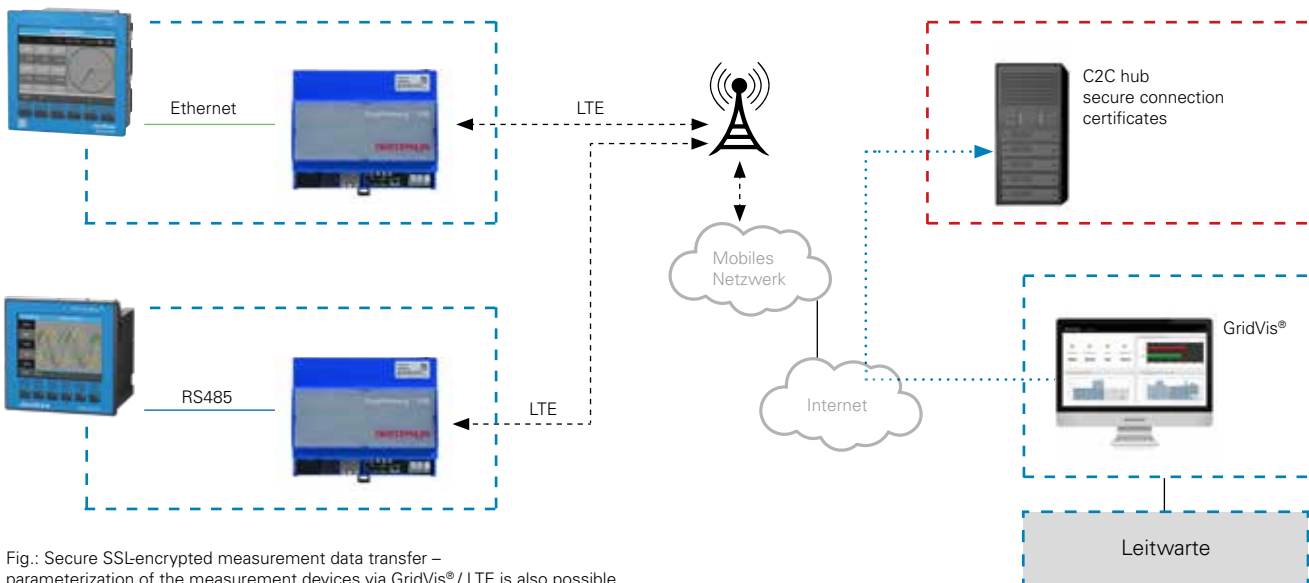- No VPN tunnel required
- Managing static IP addresses

Fig.: Secure SSL-encrypted measurement data transfer –
parameterization of the measurement devices via GridVis® / LTE is also possible

[1] The connect-2-control service for the administration of the local, static IP addresses of our Janitza devices as well as the startup is offered by aartesys. The relevant application form is included to the shipment of the EasyGateway or can be downloaded under **https://www.janitza.com/c2c-service**

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Technical data

EasyGateway V50 LTE Cat4, LAN, RS485	15.06.110
EasyGateway V50 LTE Cat4, LAN	**15.06.111**
Display elements	3 LED, bicolor red/green, for commissioning and operating display 1 LED orange GSM status
Communication	Unrestricted internet connectivity with certificate-based authentification and encryption
LAN/WAN-Anschluss	Fast Ethernet 10/100mbps, Auto-MDIX, RJ45, shielded, 2 status LED
Mobile communication	GPRS (quad band GPRS class 10) or HSPA+ (dual band GSM/GPRS/EDGE, dual band UMTS/HSPA) or LTE
SIM	Pluggable and/or solderable SIM (SIM multiplexer)
Local IP interface	Fast Ethernet 10/100mbps, Auto-MDIX, RJ45, shielded, 2 status LED
Local serial interfaces	RS485, RS422 and RS232 via the USB adapter
Power supply	85 up to 264 V AC, optional 18 up to 75 V DC or 9 up to 27 V DC
Housing	85 up to 264 V AC, optional 18 up to 75 V DC or 9 up to 27 V DC
Environment	Temperature range –20 °C – +70 °C, relative humidity max. 95%
Dimensions in mm (W x H x D)	107.5 x 90 x 62 mm
Weight	280 g

Accessories	Item number
INOX antenna mounting bracket	**15.06.094**
LTE antenna for outdoor installation	**15.06.115**
Extension cable, 2 m	**15.06.099**
Extension cable, 5 m	**15.06.091**
Extension cable, 10 m	**15.06.092**

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