

## R360 CANremote GSM gateway family

### □ CANremote 3G gateway / GPS - direct connection to the worldwide communication systems

In times of globalization of the markets the distances to the customer are increasing. This is why there is an increasing need for remote maintenance and diagnosis via telecommunication. This allows reduction of cost for services and shortening of downtimes in case of malfunctions.

Specially for mobile machines this service can only be provided via a radio link. Among radio connections the GSM/UMTS network is currently one of the best options for telecommunication. GSM/UMTS offers good availability and can be used internationally.

The CANremote 3G gateway / GPS uses the GPRS/UMTS connection to exchange data between the CAN network and receiver. Via coupling to an existing CANopen network messages can be directly sent as SMS, e-mail or fax. By means of direct data links CAN messages can be transmitted worldwide. Due to its compact and robust design the device can be directly used in the machine.

With the CANremote 3G gateway / GPS the machine is also given the position data of the device connected via CAN. This technology opens up a variety of options for fleet management and location determination of borrowed machines.

#### CANremote GSM gateway, CR3108

- CAN GPRS/GPS radio modem
- GSM/GPRS (850/900/1800/1900 MHz)
- for the transfer of SMS messages and data packages
- with GPS receiver for location tracking

#### CANremote GSM gateway / GPS, CR3110

- CAN 3G/GPS radio modem (European version)
- GSM/GPRS/EDGE (850/900/1800 MHz)
- UMTS/HSDPA (900/2100 MHz)
- for the transfer of SMS messages and data packages
- with GPS receiver for location tracking

#### CANremote GSM gateway / GPS, CR3112

- CAN 3G/GPS radio modem (USA version)
- GSM/GPRS/EDGE (850/900/1800/1900 MHz)
- UMTS/HSDPA (850/1900 MHz)
- for the transfer of SMS messages and data packages
- with GPS receiver for location tracking

## Contact

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## Features

<b>NMT</b>	NMT slave
<b>Error control</b>	Node guarding Life guarding
<b>Boot-up</b>	No
<b>Node ID range</b>	From 1 to 127
<b>Node ID</b>	Proprietary
<b>CANopen bit-rates</b>	20 kbit/s 50 kbit/s 125 kbit/s 250 kbit/s 500 kbit/s 1 000 kbit/s
<b>Type of bit-rate adjustment</b>	None
<b>RPDOs</b>	2
<b>TPDOs</b>	2
<b>PDO modes</b>	Event-triggered Synchronous (cyclic) Synchronous (acyclic)
<b>PDO linking</b>	Yes
<b>PDO mapping</b>	Static
<b>SDO server</b>	1
<b>SDO client</b>	No
<b>Emergency producer</b>	Yes
<b>Emergency consumer</b>	No
<b>Sync producer</b>	No
<b>Sync counter</b>	No
<b>Time stamp</b>	No

<b>Additional functions</b>	Self-starting device
<b>CANopen version</b>	CiA 301 V 3.0
<b>Frameworks</b>	CiA 302
<b>Device profiles</b>	None
<b>Certified</b>	No
<b>Availability</b>	In stock