

DATA SHEET OPTION CLOUDGATE 3G EMEA

SENSORS AND INTERFACES

Accelerometer	Yes
GNSS (GPS)	Yes
Temperature Sensor	Optional via expansion card
Real time Clock	Optional
LAN/Ethernet	Yes 100/10 BaseT Ports
USB	Optional via expansion card
RS 232	Optional via expansion card
RS 485	Optional via expansion card
I2C Bus	Optional via expansion card
Digital In	5
Digital Out	4
CAN	Optional via expansion card
1-Wire	Yes
SPI	Optional via expansion card
Analog to Digital Converter	Yes
Other Interfaces/sensors/comments	USB OTG, optional

CONNECTIVITY

GSM	
2G	Yes
3G	Yes
Fixed Line Connectivity	Yes
Bluetooth	Yes, Bluetooth Low Ene.g. (only)
Other	Bluetooth Smart

PROTOCOL LAYER/Framework

Ethernet/IP	Yes
Modbus TCP	Yes
Modbus RTU	Yes
CAN Bus	Optional
Other	BACnet, KNX, SNMP

PHYSICAL DEVICE CHARACTERISTICS

Maximum Device Size	115 m x 105 mm x 45 mm
DIN Rail mounting	Yes, optional
Maximum IP Class	IP12
Operating Temperature	-30 °C/+70 °C
Storage Temperature	-40 °C/+85 °C
Operating Humidity	5 % - 95 % noncondensing
Storage Humidity	max. 95 % min. 0 % @ 25 °C
Other physical characteristics	Optionally Class I, Div. 2 certified

ELECTRICAL CHARACTERISTICS

Power Supply	9 - 33 V DC
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CERTIFICATION

CE	Yes
E-mark	Yes
RCM	Yes

CLOUD OF THINGS USE CASE

Dependent on the implemented agent (project specific)	Yes
Self-registration	Yes
Measurement values	Yes
Events will be sent to client	Yes
Alarms will be sent to client	Yes
Tracking data will be sent to backend	Yes
Configuration settings can be changed via CoT	Yes
Firmware over the air updates	Yes
Remote Control	Yes
SIM Slot	Yes



CONTACT

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