

DATA SHEET DIGI INTERNATIONAL DIGI TRANSPORT WR31

SENSORS AND INTERFACES

GNSS (GPS)	Optional, dependent on GSM Module
Temperature Sensor	Yes
Real time Clock	Yes
LAN/Ethernet	Yes, 2 Ports
USB	Yes, USB 2.0
RS 232	Yes
RS 485	Optional
Digital In	2, configurable via SW
Digital Out	2, configurable via SW
Analog to Digital Converter	Yes, 4 - 20 mA oder 0 - 10 V

CONNECTIVITY

GSM	
2G	Yes
3G	Yes
LTE	Yes (EMEA & Nordamerika)
Fixed Line Connectivity	Yes
Other	CDMA 450 MHz, LTE 4509 MHz

PROTOCOL LAYER/Framework

Ethernet/IP	Yes
Rockwell	Yes, Python Module available
Modbus TCP	Yes, Python Module available
Modbus RTU	Yes, Python Module available
Other	Python supported for modifications, RealPort®; Modbus UDP/TCP to serial; X.25 including XOT, SNA/ IP, TPAD and PAD

PHYSICAL DEVICE CHARACTERISTICS

Maximum Device Size	127 mm x 89 mm x 51 mm
DIN Rail mounting	Yes
Maximum IP Class	IP30
Operating Temperature	-35 °C/+70 °C
Storage Temperature	-40 °C/+85 °C
Operating Humidity	max. 95 % min. 0 % @ 25 °C
Other	Class 1, Div. 2

ELECTRICAL CHARACTERISTICS

Power Supply	9 - 30 V DC
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CERTIFICATION

CE and WEEE	Yes
FCC	Yes
Others (e. g. other countries, additional certificates)	Other countries in certification process, dual SIM model supports failover

CLOUD OF THINGS USE CASE

Self-registration	Yes
Measurement values	Yes
Events will be sent to client	Yes
Alarms will be sent to client	Yes
Remote Control	Yes
Firmware over the air updates	Yes, Q2/2017



CONTACT

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