

# DATA SHEET TELTONIKA RUT240

## SENSORS AND INTERFACES

Accelerometer	No
3D G sensors	No
GNSS (GPS)	No
GLONASS (GPS)	No
A-GPS	No
Real time Clock	No
Temperature Sensor	internal
LAN/Ethernet	10/100 Mbps
USB	No
RS 232	No
RS 485	No
NTC	No
PT1000	No
0...10 V	No
4...20 mA	No
I2C Bus	No
Digital In	1
Digital Out	1
CAN	No
LIN Bus	No
1-Wire	No
SPI	No
Analog to Digital Converter	No
Audio In/Out	No
SIM-Slot	1 x 2FF

## PHYSICAL DEVICE CHARACTERISTICS

Maximum Device Size	83 mm x 74 mm x 25 mm
DIN Rail mounting	Yes
Maximum IP Class	IP30
Operating Temperature	-40 °C to 75 °C
Storage Temperature	-45 °C to 80 °C
Operating Humidity	10 % to 90 % non-condensing
Storage Humidity	5 % to 95 % non-condensing
Other physical characteristics	Metal housing

## CONNECTIVITY

2G	EMEA: B3, B8 LATAM: B2, B3, B5, B8
3G	EMEA: B1, B8 US T-Mobile & ATnT: B2, B4, B5 AU: B1, B5 LATAM: B1, B2, B5, B8 JAPAN: B1, B6, B8, B19
LTE (Cat4)	EMEA: LTE-FDD B1, B3, B7, B8, B20, B28A US T-Mobile & ATnT: LTE-FDD B2, B4, B12 US Verizon: LTE-FDD B4, B13 AU: LTE-FDD B1, B3, B5, B7, B28 LATAM: LTE-FDD B1, B2, B3, B4, B5, B7, B8, B28; LTE-TDD B40 JAPAN: LTE-FDD B1, B3, B8, B18, B19, B26; LTE-TDD B41
Fixed Line Connectivity	No
Bluetooth	No
WLAN	802.11n

## PROTOCOL LAYER/Framework

Ethernet/IP	10/100 Mbps
Modbus TCP	Yes
Modbus RTU	No

## ELECTRICAL CHARACTERISTICS

Rechargeable battery	No
Usage with one battery (capacity)	No
Power Supply	9-30 VDC



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## CERTIFICATION

CE and WEEE	Yes
E-mark	No
FCC	Yes
IC	Yes
RCM	Yes
RED	Yes
PTCRB	Yes
Other Certificates	EAC, CCC, RoHS, GCF, REACH

## CLOUD OF THINGS USE CASE

Self-registration	Yes, initial registration manual
Reboot device	Yes
Measurement values	Yes
Update device data	Yes
Update device configuration	Yes
TLS support	Yes
Connection continuation	Yes
Events will be sent to client	Yes
Alarms will be sent to client	Yes
Remote Control	WebUI, SMS, SSH, CLI, RMS, SNMP, JSON-RPC
Stability Test	Yes
Firmware over the air updates	Yes
SIM Slot	1 x 2FF



## CONTACT

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