

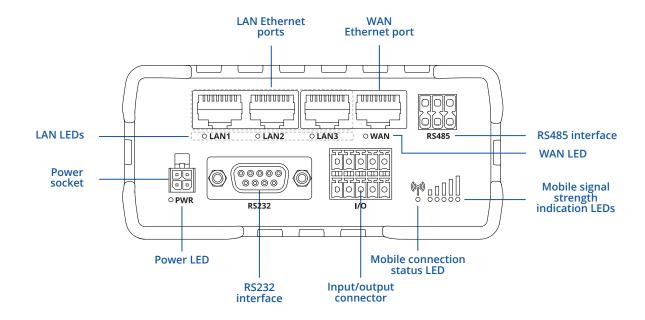
RUT956



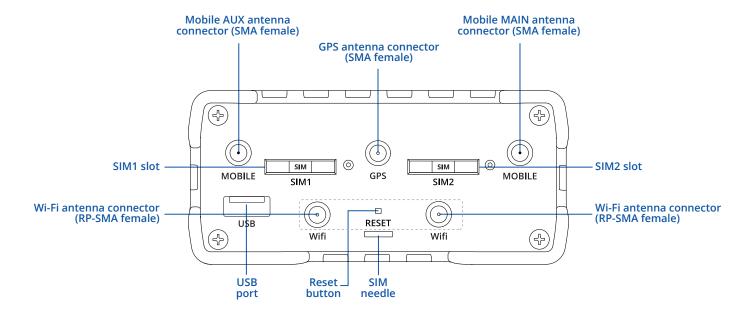


HARDWARE

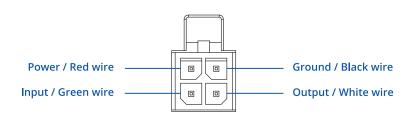
FRONT VIEW



BACK VIEW



POWER SOCKET PINOUT





FEATURES

| MOBILE |
|--------|
|--------|

| MOBILE | |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mobile module | 4G (LTE) – Cat 4 up to 150 Mbps, 3G – Up to 42 Mbps, 2G – Up to 236.8 kbps |
| SIM switch | 2 SIM cards, auto-switch cases: weak signal, data limit, SMS limit, roaming, no network, network denied, data connection fail, SIM idle protection |
| Status | Signal strength (RSSI), SINR, RSRP, RSRQ, EC/IO, RSCP, Bytes sent/received, connected band, IMSI, ICCID |
| SMS | SMS status, SMS configuration, send/read SMS via HTTP POST/GET, EMAIL to SMS, SMS to EMAIL, SMS to HTTP, SMS to SMS, scheduled SMS, SMS autoreply, SMPP |
| USSD | Supports sending and reading Unstructured Supplementary Service Data messages |
| Black/White list | Operator black/white list |
| Multiple PDN | Possibility to use different PDNs for multiple network access and services |
| Band management | Band lock, Used band status display |
| APN | Auto APN |
| Bridge | Direct connection (bridge) between mobile ISP and device on LAN |
| Passthrough | Router assigns its mobile WAN IP address to another device on LAN |
| WIRELESS | |
| Wireless mode | IEEE 802.11b/g/n, Access Point (AP), Station (STA) |
| Wi-Fi security | WPA2-Enterprise - PEAP, WPA2-PSK, WEP, WPA-EAP, WPA-PSK; AES-CCMP, TKIP, Auto Cipher modes, client separation |
| SSID/ESSID | SSID stealth mode and access control based on MAC address |
| Wi-Fi users | Up to 100 simultaneous connections |
| Wireless Hotspot | Captive portal (Hotspot), internal/external Radius server, SMS authorization, internal/external landing page, walled garden, user scripts, URL parameters, user groups, individual user or group limitations, user management, 9 default customizable themes |
| Wireless Connectivity Features | Fast roaming (802.11r), Relayd |
| Wireless MAC filter | Whitelist, blacklist |
| ETHERNET | |
| WAN | 1 x WAN port 10/100 Mbps, compliance IEEE 802.3, IEEE 802.3u standards, supports auto MDI/MDIX |
| LAN NETWORK | 3 x LAN ports, 10/100 Mbps, compliance IEEE 802.3, IEEE 802.3u standards, supports auto MDI/MDIX |
| Routing | Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP), Policy based routing |
| Network protocols | TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, SFTP, FTP, SMTP, SSL/TLS, ARP, VRRP, PPP, PPPoE, UPNP, SSH, DHCP, Telnet, SMPP, SMNP, MQTT, Wake On Lan (WOL) |
| VoIP passthrough support | H.323 and SIP-alg protocol NAT helpers, allowing proper routing of VoIP packets |
| Connection monitoring | Ping Reboot, Wget Reboot, Periodic Reboot, LCP and ICMP for link inspection |
| Firewall | ort forward, traffic rules, custom rules |
| DHCP | Static and dynamic IP allocation, DHCP Relay |
| QoS / Smart Queue Management (SQM) | Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e |
| DDNS | Supported >25 service providers, others can be configured manually |
| Network backup | Wi-Fi WAN, Mobile, VRRP, Wired options, each of which can be used as an automatic Failover |
| Load balancing | Balance Internet traffic over multiple WAN connections |
| SSHFS | Possibility to mount remote file system via SSH protocol |
| SECURITY | |
| Authentication | Pre-shared key, digital certificates, X.509 certificates, TACACS+, Radius, IP & Login attempts block |
| Firewall | Pre-configured firewall rules can be enabled via WebUI, unlimited firewall configuration via CLI; DMZ; NAT; NAT-T |
| Attack prevention | DDOS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), port scan prevention (SYN-FIN SYN-RST, X-mas, NULL flags, FIN scan attacks) |
| VLAN | Port and tag-based VLAN separation |
| Mobile quota control | Mobile data limit, customizable period, start time, warning limit, phone number |
| WEB filter | Blacklist for blocking out unwanted websites, Whitelist for specifying allowed sites only |
| Access control | Flexible access control of TCP, UDP, ICMP packets, MAC address filter |
| | |



| OpenVPN | Multiple clients and a server can run simultaneously, 27 encryption methods |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OpenVPN Encryption | DES-CBC 64, RC2-CBC 128, DES-EDE-CBC 128, DES-EDE3-CBC 192, DESX-CBC 192, BF-CBC 128, RC2-40-CBC 40, CAST5-CBC 128, RC2-64-CBC 64, AES-128-CBC 128, AES-128-CFB 128, AES-128-CFB1 128, AES-128-CFB3 128, AES-128-CFB3 128, AES-128-GCM 128, AES-192-CFB 192, AES-192-CFB3 192, AES-256-CFB3 192, AES-256-CFB |
| IPsec | IKEv1, IKEv2, with 14 encryption methods for IPsec (3DES, DES, AES128, AES192, AES256, AES128GCM8, AES192GCM8, AES256GCM8, AES128GCM12, AES256GCM12, AES256GCM16, AES192GCM16, AES256GCM16) |
| GRE | GRE tunnel, GRE tunnel over IPsec support |
| PPTP, L2TP | Client/Server instances can run simultaneously, L2TPv3, L2TP over IPsec support |
| Stunnel | Proxy designed to add TLS encryption functionality to existing clients and servers without any changes in the program's code |
| DMVPN | Method of building scalable IPsec VPNs |
| SSTP | SSTP client instance support |
| ZeroTier | ZeroTier VPN client support |
| WireGuard | WireGuard VPN client and server support |
| Tinc | Tinc offers encryption, authentication and compression in it's tunnels. Client and server support |
| MODBUS TCP SLAVE | |
| ID range | Respond to one ID in range [1;255] or any |
| Allow Remote Access | Allow access through WAN |
| Custom registers | MODBUS TCP custom register block requests, which read/write to a file inside the router, and can be used to extend MODBUS TCP Slave functionality |
| MODBUS TCP MASTER | |
| Supported functions | 01, 02, 03, 04, 05, 06, 15, 16 |
| Supported data formats | 8-bit: INT, UINT; 16-bit: INT, UINT (MSB or LSB first); 32-bit: float, INT, UINT (ABCD (big-endian), DCBA (little-endian), CDAB, BADC) |
| MODBUS RTU MASTER (RS | S232) |
| Supported baud rates | From 300 to 115200 |
| Supported functions | 01, 02, 03, 04, 05, 06, 15, 16 |
| Supported data formats | 8-bit: INT, UINT; 16-bit: INT, UINT (MSB or LSB first); 32-bit: float, INT, UINT (ABCD (big-endian), DCBA (little-endian), CDAB, BADC), HEX, ASCII |
| Number of data bits | From 5 to 8 |
| Number of stop bits | 1 or 2 |
| Parity | None, Even, Odd |
| Flow | |
| 11000 | None, RTS/CTS, Xon/Xoff |
| Duplex | None, RTS/CTS, Xon/Xoff Full duplex |
| | Full duplex |
| Duplex | Full duplex |
| Duplex MODBUS RTU MASTER (RS | Full duplex S485) |
| Duplex MODBUS RTU MASTER (RS Supported baud rates | Full duplex S485) From 300 to 230400 |
| Duplex MODBUS RTU MASTER (RS Supported baud rates Supported functions | Full duplex S485) From 300 to 230400 01, 02, 03, 04, 05, 06, 15, 16 8-bit: INT, UINT; 16-bit: INT, UINT (MSB or LSB first); 32-bit: float, INT, UINT (ABCD (big-endian), DCBA (little-endian), CDAB, |
| Duplex MODBUS RTU MASTER (RS Supported baud rates Supported functions Supported data formats | Full duplex S485) From 300 to 230400 01, 02, 03, 04, 05, 06, 15, 16 8-bit: INT, UINT; 16-bit: INT, UINT (MSB or LSB first); 32-bit: float, INT, UINT (ABCD (big-endian), DCBA (little-endian), CDAB, BADC), HEX, ASCII |
| Duplex MODBUS RTU MASTER (RS Supported baud rates Supported functions Supported data formats Number of data bits | Full duplex S485) From 300 to 230400 01, 02, 03, 04, 05, 06, 15, 16 8-bit: INT, UINT; 16-bit: INT, UINT (MSB or LSB first); 32-bit: float, INT, UINT (ABCD (big-endian), DCBA (little-endian), CDAB, BADC), HEX, ASCII 8 |
| Duplex MODBUS RTU MASTER (RS Supported baud rates Supported functions Supported data formats Number of data bits Number of stop bits | Full duplex S485) From 300 to 230400 01, 02, 03, 04, 05, 06, 15, 16 8-bit: INT, UINT; 16-bit: INT, UINT (MSB or LSB first); 32-bit: float, INT, UINT (ABCD (big-endian), DCBA (little-endian), CDAB, BADC), HEX, ASCII 8 1 |
| Duplex MODBUS RTU MASTER (RS Supported baud rates Supported functions Supported data formats Number of data bits Number of stop bits Parity | Full duplex S485) From 300 to 230400 01, 02, 03, 04, 05, 06, 15, 16 8-bit: INT, UINT; 16-bit: INT, UINT (MSB or LSB first); 32-bit: float, INT, UINT (ABCD (big-endian), DCBA (little-endian), CDAB, BADC), HEX, ASCII 8 1 None, Even, Odd |
| Duplex MODBUS RTU MASTER (RS Supported baud rates Supported functions Supported data formats Number of data bits Number of stop bits Parity Flow | Full duplex S485) From 300 to 230400 01, 02, 03, 04, 05, 06, 15, 16 8-bit: INT, UINT; 16-bit: INT, UINT (MSB or LSB first); 32-bit: float, INT, UINT (ABCD (big-endian), DCBA (little-endian), CDAB, BADC), HEX, ASCII 8 1 None, Even, Odd None, Xon/Xoff |
| Duplex MODBUS RTU MASTER (RS Supported baud rates Supported functions Supported data formats Number of data bits Number of stop bits Parity Flow Duplex | Full duplex S485) From 300 to 230400 01, 02, 03, 04, 05, 06, 15, 16 8-bit: INT, UINT; 16-bit: INT, UINT (MSB or LSB first); 32-bit: float, INT, UINT (ABCD (big-endian), DCBA (little-endian), CDAB, BADC), HEX, ASCII 8 1 None, Even, Odd None, Xon/Xoff |
| Duplex MODBUS RTU MASTER (RS Supported baud rates Supported functions Supported data formats Number of data bits Number of stop bits Parity Flow Duplex DATA TO SERVER | Full duplex S485) From 300 to 230400 01, 02, 03, 04, 05, 06, 15, 16 8-bit: INT, UINT; 16-bit: INT, UINT (MSB or LSB first); 32-bit: float, INT, UINT (ABCD (big-endian), DCBA (little-endian), CDAB, BADC), HEX, ASCII 8 1 None, Even, Odd None, Xon/Xoff Half duplex |
| Duplex MODBUS RTU MASTER (RS Supported baud rates Supported functions Supported data formats Number of data bits Number of stop bits Parity Flow Duplex DATA TO SERVER Protocol | Full duplex S485) From 300 to 230400 01, 02, 03, 04, 05, 06, 15, 16 8-bit: INT, UINT; 16-bit: INT, UINT (MSB or LSB first); 32-bit: float, INT, UINT (ABCD (big-endian), DCBA (little-endian), CDAB, BADC), HEX, ASCII 8 1 None, Even, Odd None, Xon/Xoff Half duplex |
| Duplex MODBUS RTU MASTER (RS Supported baud rates Supported functions Supported data formats Number of data bits Number of stop bits Parity Flow Duplex DATA TO SERVER Protocol MQTT GATEWAY | Full duplex S485) From 300 to 230400 01, 02, 03, 04, 05, 06, 15, 16 8-bit: INT, UINT; 16-bit: INT, UINT (MSB or LSB first); 32-bit: float, INT, UINT (ABCD (big-endian), DCBA (little-endian), CDAB, BADC), HEX, ASCII 8 1 None, Even, Odd None, Xon/Xoff Half duplex HTTP(S), MQTT, Azure MQTT, Kinesis |



| MONITORING & MANAC | GEMENT |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WEB UI | HTTP/HTTPS, status, configuration, FW update, CLI, troubleshoot, event log, system log, kernel log |
| FOTA | Firmware update from server, automatic notification |
| SSH | SSH (v1, v2) |
| SMS | SMS status, SMS configuration, send/read SMS via HTTP POST/GET |
| Call | Reboot, Status, Mobile data on/off, Output on/off, answer/hang-up with a timer, Wi-Fi on/off |
| TR-069 | OpenACS, EasyCwmp, ACSLite, tGem, LibreACS, GenieACS, FreeACS, LibCWMP, Friendly tech, AVSystem |
| MQTT | MQTT Broker, MQTT publisher |
| SNMP | SNMP (v1, v2, v3), SNMP Trap |
| JSON-RPC | Management API over HTTP/HTTPS |
| MODBUS | MODBUS TCP status/control |
| RMS | Teltonika Remote Management System (RMS) |
| IoT PLATFORMS | |
| Clouds of things | Allows monitoring of: Device data, Mobile data, Network info, Availability |
| ThingWorx | Allows monitoring of: WAN Type, WAN IP, Mobile Operator Name, Mobile Signal Strength, Mobile Network Type |
| Cumulocity | Allows monitoring of: Device Model, Revision and Serial Number, WAN Type and IP, Mobile Cell ID, ICCID, IMEI, Connection Type, Operator, Signal Strength |
| Azure loT Hub | Can send device IP, Number of bytes send/received, Temperature, PIN count to Azure IoT Hub server, Mobile connection state Network link state, IMEI, ICCID, Model, Manufacturer, Serial, Revision, IMSI, SIM State, PIN state, GSM signal, WCDMA RSCP, WCDMA EC/IO, LTE RSRP, LTE SINR, LTE RSRQ, CELL ID, Operator, Operator number, Connection type |
| SYSTEM CHARACTERIST | ICS |
| CPU | Mediatek, 580 MHz, MIPS 24KEc |
| RAM | 128 MB, DDR2 |
| FLASH storage | 16 MB, SPI Flash |
| FIRMWARE / CONFIGUR | ATION |
| WEB UI | Update FW from file, check FW on server, configuration profiles, configuration backup |
| FOTA | Update FW |
| RMS | Update FW/configuration for multiple devices at once |
| Keep settings | Update FW without losing current configuration |
| , - | |
| FIRMWARE CUSTOMIZA | |
| Operating system | RutOS (OpenWrt based Linux OS) |
| Supported languages | Busybox shell, Lua, C, C++ |
| Development tools | SDK package with build environment provided |
| LOCATION TRACKING | |
| GNSS | GPS, GLONASS, BeiDou, Galileo and QZSS |
| Coordinates | GNSS coordinates via WebUI, SMS, TAVL, RMS |
| NMEA | NMEA 0183 |
| NTRIP | NTRIP protocol (Networked Transport of RTCM via Internet Protocol) |
| Server software | Supported server software TAVL, RMS |
| Geofencing | Configurable multiple geofence zones |
| SERIAL | |
| RS232 | DB9 connector, RS232 (with RTS, CTS flow control) |
| RS485 | RS485 Full Duplex (4 wires) and Half Duplex (2 wires). 300-115200 baud rate |
| Serial functions | Console, Serial over IP, Modem, MODBUS gateway, NTRIP Client |
| USB | |
| Data rate | USB 2.0 |
| Applications | Samba share, USB-to-serial |
| External devices | Possibility to connect external HDD, flash drive, additional modem, printer, USB-serial adapter |
| Storage formats | FAT, FAT32, exFAT, NTFS (read-only), ext2, ext3, ext4 |
| - | |



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| Input | 1 x digital dry input (0 - 3 V), 1 x digital galvanically isolated input (0 - 30 V), 1 x analog input (0 - 24 V), 1 x Digital non-isolated input (on 4-pin power connector, 0 - 5 V detected as logic low, 8 - 30 V detected as logic high) | | | | |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| Output | 1 x digital open collector output (30 V, 250 mA), 1 x SPST relay output (40 V, 4 A), 1 x Digital open collector output (30 V, 300 mA, on 4-pin power connector) | | | | |
| Events | Email, RMS, SMS | | | | |
| I/O juggler POWER | Allows to set certain I/O conditions to initiate event | | | | |
| Connector | 4-pin industrial DC power socket | | | | |
| Input voltage range | 9 – 30 VDC, reverse polarity protection; surge protection >31 VDC 10us max | | | | |
| PoE (passive) | Passive PoE over spare pairs. Possibility to power up through LAN1 port, not compatible with IEEE802.3af, 802.3at and 802.3bt standards, Mode B, 9 - 30 VDC | | | | |
| Power consumption PHYSICAL INTERFACES | < 2 W idle, < 7 W Max | | | | |
| Ethernet | 4 x RJ45 ports, 10/100 Mbps | | | | |
| I/O's | 2 x Inputs and 2 x Outputs on 10-pin industrial socket, 1 x Digital input and 1 x Digital output on 4-pin power connector (available from HW revision 1600) | | | | |
| Status LEDs | 1 x Bi-color connection status, 5 x Mobile connection strength, 4 x ETH status, 1 x Power | | | | |
| SIM | 2 x SIM slots (Mini SIM - 2FF), 1.8 V/3 V, external SIM holders, eSIM (Optional) | | | | |
| Power | 1 x 4-pin power connector | | | | |
| Input/output | 1 x 10-pin industrial socket for inputs/outputs | | | | |
| Antennas | 2 x SMA for LTE, 2 x RP-SMA for Wi-Fi, 1 x SMA for GNSS | | | | |
| USB | 1 x USB A port for external devices | | | | |
| RS232 | 1 x DB9 socket | | | | |
| RS485 | 1 x 6-pin industrial socket | | | | |
| Reset PHYSICAL SPECIFICATION | Reboot/User default reset/Factory reset button | | | | |
| Casing material | Aluminium housing, plastic panels | | | | |
| Dimensions (W x H x D) | 110 x 50 x 100 mm | | | | |
| Weight | 287 g | | | | |
| Mounting options OPERATING ENVIRONMENT | DIN rail (can be mounted on two sides), flat surface placement | | | | |
| Operating temperature | -40 °C to 75 °C | | | | |
| Operating humidity | 10% to 90% non-condensing | | | | |
| Ingress Protection Rating REGULATORY & TYPE APPRO | IP30 DVALS | | | | |
| Regulatory EMC EMISSIONS & IMMUNIT | CE/RED, UKCA, CB | | | | |
| Standards | EN 301 489-1 V2.2.3, EN 301 489-17 V3.2.4, Draft EN 301 489-19 V2.2.0, Final draft EN 301 489-52 V1.2.0, EN 55032:2015+A1:2020, EN 55035:2017+A11:2020, EN 61000-3-3:2013+A1:2019, EN IEC 61000-3-2:2019 | | | | |
| ESD | EN 61000-4-2:2009 | | | | |
| RS | EN 61000-4-3:2020 | | | | |
| EFT | EN 61000-4-4:2012 | | | | |
| Surge immunity (AC Power Line) | EN 61000-4-5:2014+A1:2017 | | | | |
| CS | EN 61000-4-6:2009 | | | | |
| DIP RF | EN IEC 61000-4-11:2020 | | | | |
| Standards SAFETY | EN 300 328 V2.2.2, EN 301 908-1 V13.1.1, EN 301 908-2 V13.1.1, EN 301 908-13 V13.1.1, EN 303 413 V1.1.1 | | | | |
| Standards | EN IEC 62311:2020 AS/NZS 60950.1:2015 IEC 62368-1:2018, EN IEC 62368-1:2020+A11:2020 | | | | |



WHAT'S IN THE BOX?

STANDARD PACKAGE CONTAINS*

- Router RUT956
- 9 W PSU
- 2 x LTE antennas (magnetic mount, SMA male, 3 m cable)
- 2 x WiFi antennas (magnetic mount, RP-SMA male, 1.5 m cable)
- GNSS antenna (adhesive, SMA male, 3 m cable)
- RS485 connector block
- I/O connector block
- Ethernet cable (1.5 m)
- SIM Adapter kit
- QSG (Quick Start Guide)
- Packaging box



ROUTER RUT956



9 W PSU



2 X LTE ANTENNAS (MAGNETIC MOUNT, SMA MALE, 3 M CABLE)



2 X WI-FI ANTENNAS (MAGNETIC MOUNT, RP-SMA MALE, 1.5 M CABLE)



GNSS ANTENNA (ADHESIVE , SMA MALE, 3 M CABLE)



RS485 CONNECTOR BLOCK



I/O CONNECTOR BLOCK



ETHERNET CABLE (1.5 M)



SIM ADAPTER KIT



QSG

^{*} For all standard order codes standard package contents are the same, execpt for PSU.



STANDARD ORDER CODES

| PRODUCT CODE | HS CODE | HTS CODE | PACKAGE CONTAINS |
|---------------|---------|------------|------------------------------|
| RUT956 100000 | 851762 | 8517.62.00 | Standard package with EU PSU |
| RUT956 200000 | 851762 | 8517.62.00 | Standard package with EU PSU |
| RUT956 400000 | 851762 | 8517.62.00 | Standard package with EU PSU |
| RUT956 700700 | 851762 | 8517.62.00 | Standard package with AU PSU |
| RUT956 A00A00 | 851762 | 8517.62.00 | Standard package with US PSU |
| RUT956 900C00 | 851762 | 8517.62.00 | Standard package with JP PSU |

For more information on all available packaging options – please contact us directly.

AVAILABLE VERSIONS

| PRODUCT CODE | REGION (OPERATOR) | FREQUENCY |
|---------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RUT956 1**** | Europe ¹ , The Middle East, Africa, Korea, Thailand | 4G (LTE-FDD): B1, B3, B5, B7, B8, B20 4G (LTE-TDD): B40 3G: B1, B5, B8 2G: B3, B8 |
| RUT956 2**** | Europe¹, The Middle East, Korea, Thailand | 4G (LTE-FDD): B1, B3, B7, B8, B20, B28A 4G (LTE-TDD): B38, B40, B41 3G: B1, B8 2G: B3, B8 |
| RUT956 4**** | Global ¹ | • 4G (LTE-FDD): B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B26, B28 • 4G (LTE-TDD): B38, B39, B40, B41 • 3G: B1, B2, B4, B5, B6, B8, B19 • 2G: B2, B3, B5, B8 |
| RUT956 7**** | South America, Australia, New Zealand, Taiwan | • 4G (LTE-FDD): B1, B2, B3, B4, B5, B7, B8, B28 • 4G (LTE-TDD): B40 • 3G: B1, B2, B4, B5, B8 • 2G: B2, B3, B5, B8 |
| RUT956 A**** | North America ² | • 4G (LTE-FDD): B2, B4, B5, B12, B13, B14, B66, B71 • 3G: B2, B4, B5 |
| RUT956 9**** | Japan | 4G (LTE-FDD): B1, B3, B8, B18, B19, B26 4G (LTE-TDD): B41 3G: B1, B6, B8, B19 |
| RUT956 200505 | Thailand | 4G (LTE-FDD): B1, B3, B7, B8, B20 4G (LTE-TDD): B38, B40 3G: B1, B8 2G: B3, B8 |

The price and lead-times for region (operator) specific versions may vary. For more information please contact us. 1 - Regional availability - excluding Russia & Belarus. 2 - For more detailed information about certified carriers, visit our Wiki page.



RUT956 SPATIAL MEASUREMENTS & WEIGHT

MAIN MEASUREMENTS

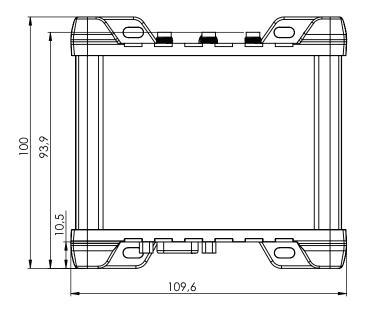
W x H x D dimensions for RUT956:

Device housing*: 110 x 50 x 100 mm Box: 355 x 60 x 175 mm

*Housing measurements are presented without antenna connectors and screws; for measurements of other device elements look to the sections below.

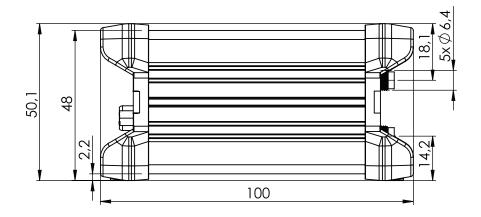
TOP VIEW

The figure below depicts the measurements of RUT956 and its components as seen from the top:



RIGHT VIEW

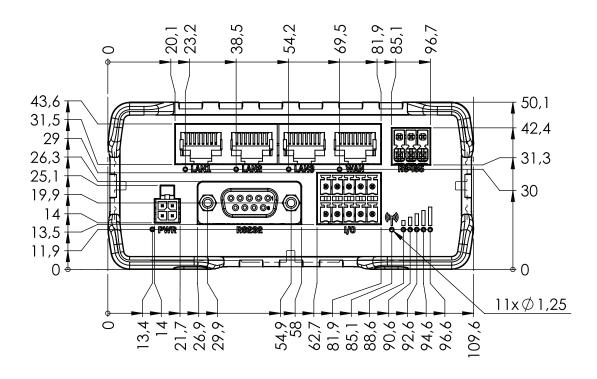
The figure below depicts the measurements of RUT956 and its components as seen from the right side: $\frac{1}{2} \left(\frac{1}{2} \right) = \frac{1}{2} \left(\frac{1}{2} \right) \left(\frac{1}$





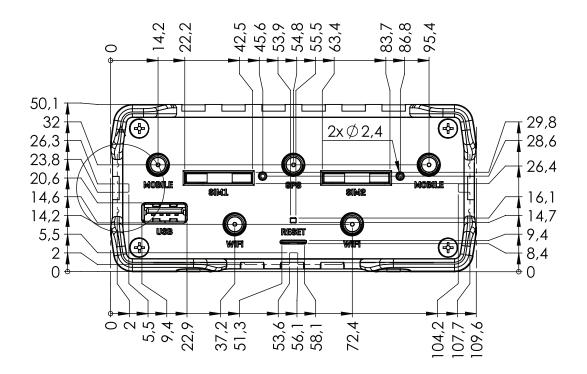
FRONT VIEW

The figure below depicts the measurements of RUT956 and its components as seen from the front panel side:



REAR VIEW

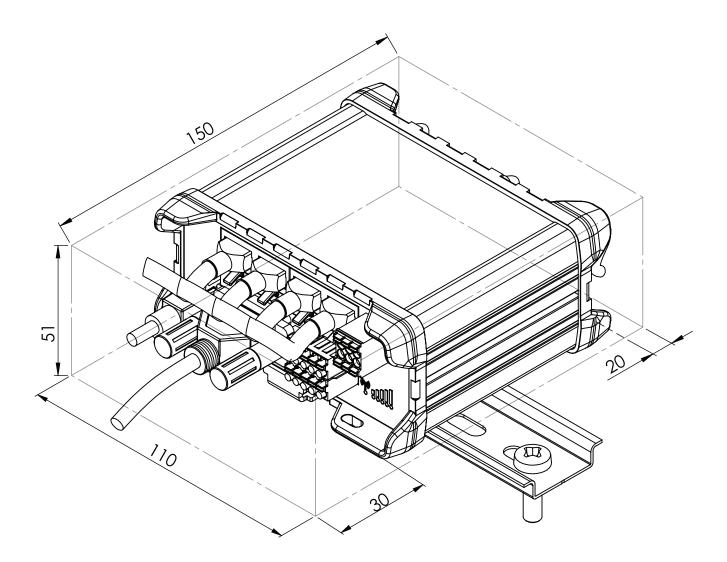
The figure below depicts the measurements of RUT956 and its components as seen from the back panel side:





MOUNTING SPACE REQUIREMENTS

The figure below depicts an approximation of the device's dimensions when cables and antennas are attached:





DIN RAIL

The scheme below depicts protrusion measurements of an attached DIN Rail:

