

Robustel R1510 Release Notes

NOTES

This release note will show details of the latest upgraded firmware compared with the previous one. Firmware upgrade information about all versions is accumulated in this release note, so you can check history here.

R1510 is a quasi-industrial router developed for the needs of operators in the market. Adopt the semi-industrial SOC integrated chip, through the strengthened EMC design and structure design. It is a product that can support 2*2 MIMO 802.11n, LTE cat4 wireless cellular network and supports rich interfaces. This general purpose product is aimed at the European, Australian and New Zealand markets and domestic markets.

VERSION V3.1.4

Release Date: 29 Jun. 2020

Version Inherited: V3.1.3

ENHANCEMENT & NEW FEATURES

Ref#	Descriptions
1	In DDNS's custom mode, URL adds the function of supporting https
2	DDNS added Max tries of manual setting.
3	Changed the CLI command name of the DO.

BUG FIXED

Bug#	Descriptions
1	Fixed the problem that the modemd process does not attempt to restart for initialization after the modemd initialization is successful twice and the third initialization fails.
2	Fixed the URL security of DDNS custom mode.
3	When the authentication type of OpenVPN is none, encrypt algorithm and authentication algorithm are not displayed.

KNOWN BUGS & LIMITATIONS

Bug#	Descriptions
1	The primary link is set to WWAN / WAN, and the backup link is WLAN. When static routing is set, the optional interface is WLAN instead of WWAN / WAN.
2	When the main link is set to WAN / WLAN, the backup mode is cold backup, and the connection type is changed from static to DHCP, the link receives the disconnected signal when starting udhcpd and switches to the backup link.

Others

Index#	Descriptions
1	Hardware version:
2	Module firmware version:
3	UBOOT Version:
4	Platform version:
5	Others:

VERSION V3.1.3

Release Date: 1 Jun. 2020

Version Inherited: V3.1.1

ENHANCEMENT & NEW FEATURES

Ref#	Descriptions
1	Added support for R1510 lite device
2	R1510 lite removed the function of DIDO and WIFI
3	R1510 lite only supports single network port lan setting
4	When Openvpn optimizes Authentication Type to none, Encrypt Algorithm and Authentication Algorithm cannot be configured.
5	Allow the syslog remote server to fill in the domain name.
6	When Openvpn optimizes Authentication Type to none, Encrypt Algorithm and Authentication Algorithm cannot be configured.

BUG FIXED

Bug#	Descriptions
1	Fixed the status display problem of firewall.
2	Improved the BAND, RSRP, RSRQ, SINR, EC/IO display of cellular status.
3	Fixed the issue where the CLI exited abnormally when setting link_manger's ping primary_server.
4	Solved the problem that the EC25-AU module does not support locking LTE BAND2.
5	Fixed the issue that did not trigger an over-traffic event.
6	Fixed the CVE-2020-8597 bug.

KNOWN BUGS & LIMITATIONS

Bug#	Descriptions
1	

Others

Index#	Descriptions
1	Hardware version:
2	Module firmware version:
3	UBOOT Version:
4	Platform version:
5	Others:

VERSION V3.1.2

Release Date: 29 Nov. 2019

Version Inherited: V3.1.1

ENHANCEMENT & NEW FEATURES

Ref#	Descriptions
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1	Openvpn adds import of ovpn configuration files
2	Openvpn adds Auto mode
3	The custom rules of Firewall supports string and multiport
4	Increases the LAN network port disable function

BUG FIXED

Bug#	Descriptions
1	Fixed the status display problem of firewall

KNOWN BUGS & LIMITATIONS

Bug#	Descriptions
1	

Others

Index#	Descriptions
1	Hardware version:
2	Module firmware version:
3	UBOOT Version:
4	Platform version:
5	Others:

VERSION V3.1.1

Release Date: 29 Nov. 2019

Version Inherited: V3.1.0

ENHANCEMENT & NEW FEATURES

Ref#	Descriptions
1	Added SDK support

2	ipsec added local_id_type/remote_id_type to address
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BUG FIXED

Bug#	Descriptions
1	The device does not involve WWAN2, which blocks the traffic and clears the button "clean".
2	Fixed the defect that usr lamp does not respond to net lamp
3	Fixed the defect that the initial state of DI is incorrect
4	Fixed the defect that the CLI command cannot perform DO operation
5	Fixed the defect of configurable parameter value range of openvpn page
6	Fixed the defect that the subnets of different tunnels in ipsec can communicate with each other
7	Firewall fixed the bug that whitelist_rules does not take effect on local https
8	Fixed Openvpn's range limit for Keepalive Timeout in server mode
9	Fixed the problem that VPN cannot be established when ipsec is set to Address
10	Fixed the abnormal display of wan port light

KNOWN BUGS & LIMITATIONS

Bug#	Descriptions
1	The Wireless Mode is 11b, the Transmit Rate is any value, the negotiation Rate is 11Mbps, the Wireless Mode is 11g, the Transmit Rate is any value, and the negotiation Rate is 54Mbps
2	The Wireless Mode is 11n only, the 11n Transmit Rate is any value, and the sta-device negotiation rates are 65Mbps (20MHZ) and 135Mbps (40MHZ).

Others

Index#	Descriptions
1	Hardware version:
2	Module firmware version:
3	UBOOT Version:
4	Platform version:
5	Others:

VERSION V3.1.0

Release Date: 26 Aug. 2019

Initial Version

ENHANCEMENT & NEW FEATURES

Ref#	Descriptions
1	

BUG FIXED

Bug#	Descriptions
1	

KNOWN BUGS & LIMITATIONS

Bug#	Descriptions
1	

Others

Index#	Descriptions
1	Hardware version:
2	Module firmware version:
3	UBOOT Version:
4	Platform version:
5	Others: