

## robustOS

R5010

**High Speed 5G Router** 1 x Ethernet + 1 x USB

### **INTRODUCTION**

The R5010 is Robustel's new 5G capable router supporting global 5G, 4G and 3G bands. The R5010 leverages our tried and tested high performance **RobustOS 5** – an Operating System developed in-house by Robustel that has passed extensive  $3^{rd}$  party penetration testing.

R5010 is compatible with 3GPP Release 16 and targeted at the following applications:

**Primary Broadband** – Cellular network operators can now provide unlimited 5G tariffs at very reasonable prices. For many, a chance to cut the cables and use a wireless internet connection can be technically or commercially favorable.

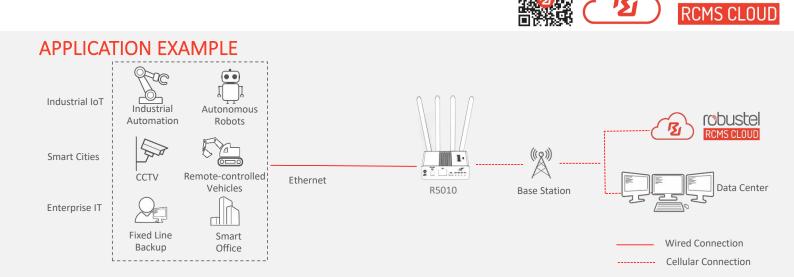
SD-WAN – whilst many appliances have cellular options built-in, the R5010 can offer a very low-cost way to add a 5G backup route & by virtue of being able to located externally to the appliance, is more likely to get a good 5G signal!

**RCMS** is Robustel's free router monitoring service that is fully compatible with the R5010. It is an extremely polished piece of software hosted on MS Azure & available as a privately hosted instance. You can try Robustel's free router management platform by signing up here: https://rcms-cloud.robustel.net



#### **KEY FEATURES**

- Low cost industrial 5G Router
- Global 5G/4G/3G cellular connections
- Cutting-edge 5G 3GPP Release 16 cellular interface
- > 1 x 10/100/1000/2,5Gb Ethernet port
- PoE-PD, compatible with IEEE 802.at standard
- USB modem mode supported
- Fully programmable Operating System with a well-documented SDK
- Multiple VPN options available including DMVPN, IPsec, L2TP + more...
- Free cloud management platform -RCMS
- Robust metal enclosure with small footprint – DIN-rail + wall mount options



# SPECIFICATIONS

Software (Basic features of RobustOS) Network protocols PPP, PPPoE, TCP, UDP, DHCP, ICMP, NAT, HTTP,		
PPP, PPPoE, TCP, UDP, DHCP, ICMP, NAT, HTTP,		
LAN, SSH2,		
ame/		
Control		
App Center (Available Apps for RobustOS) Apps* L2TP, PPTP, DMVPN, VRRP, QoS, SNMP, Language,		
. Language,		
*Upon request. For more Apps please visit www.robustel.com.		
Power Supply and Consumption		
Physical Characteristics		
unting		

Storage temperature

Relative humidity

-40 ~ +85°C

5 ~ 95%RH

### ORDERING INFORMATION

Model	PN	Frequency Bands*	Country/Region	Certification (*Planned)
R5010-A-5G-A28EU	B113001	5G: NR SA/NSA: n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/ n75/n76/n77/n78 4G: LTE FDD: B1/B3/B5/B7/B8/B20/B28/B32 LTE TDD: B38/B40/B41/B42/B43 3G: WCDMA: B1/B5/B8	EMEA ANZ	CE*, UKCA*, CB*, RCM*

\*For more information about frequency bands in different countries, please contact your Robustel sales representative.



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