



Robustel Cloud Manager Service



Robustel Cloud Manager Service (RCMS) is a modular IoT cloud software platform compatible with all Robustel products. RCMS is designed from the ground-up to empower Robustel customers to build their IoT Solution(s) in a manner that is scalable, cost effective and can evolve quickly with the market. Designed to work hand-in-hand with RobustOS, RCMS unlocks the true potential of Robustel products giving customers the ultimate range of monitoring, management and control functions.



Monitor

The RobustLink App inside RCMS gives you visibility of your entire Robustel device fleet in a single location from anywhere in the world. View device status, signal strength, data usage and WAN details for any device connected to the platform at the touch of a button.



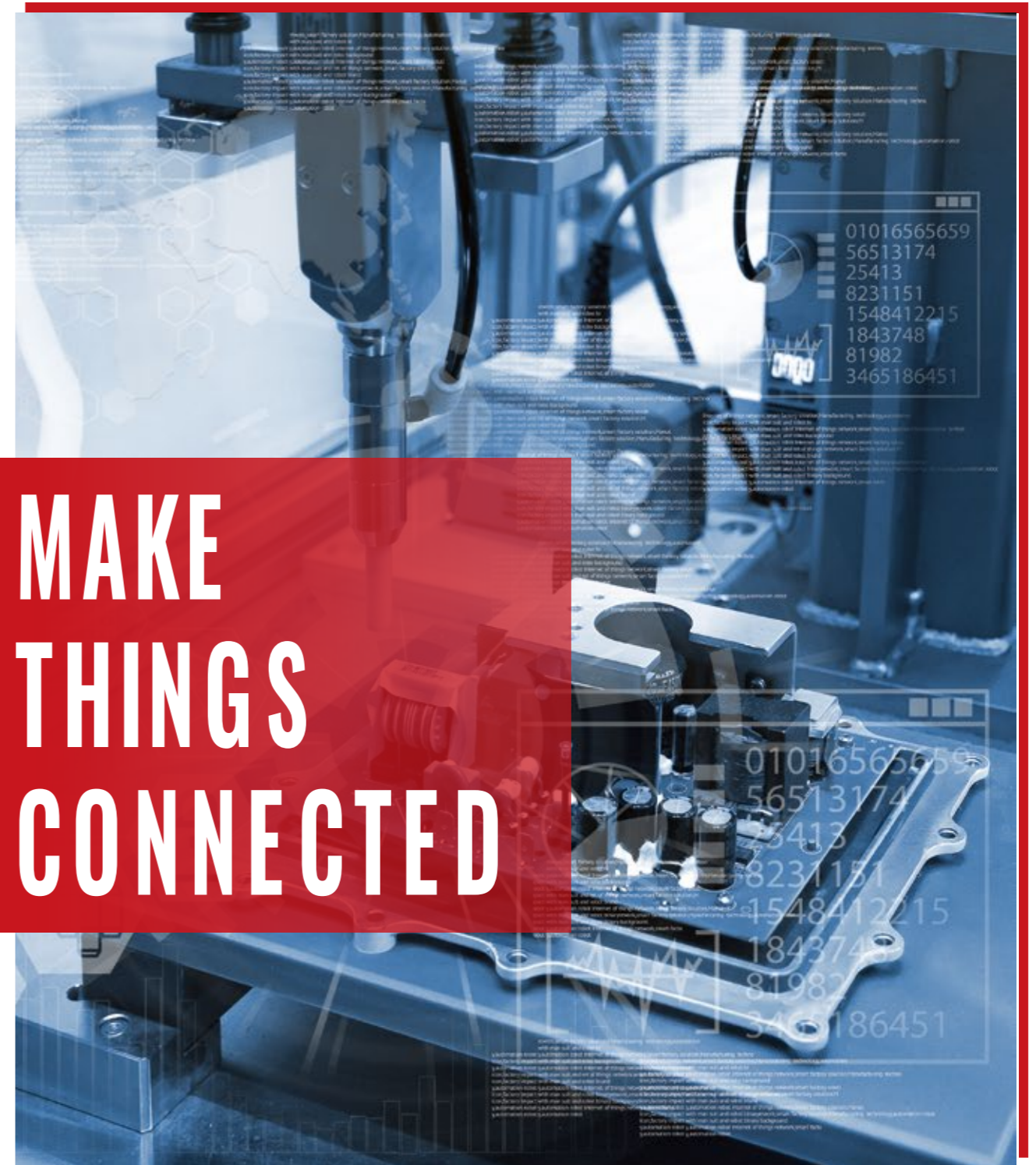
Manage

Use the RobustLink App inside RCMS to access your devices remotely to change configuration parameters or send device commands through remote Command Line Interface (CLI) access. Maintain your fleet through Over-the-Air (OTA) updates for Firmware, Apps and Configuration files in bulk or for a single device.



Control

Use the RobustVPN App inside RCMS to create a virtual LAN for your devices that can be accessed securely from anywhere in the world using the preconfigured desktop VPN client.



MAKE THINGS CONNECTED



info@robustel.com
www.robustel.com

V1.1.14

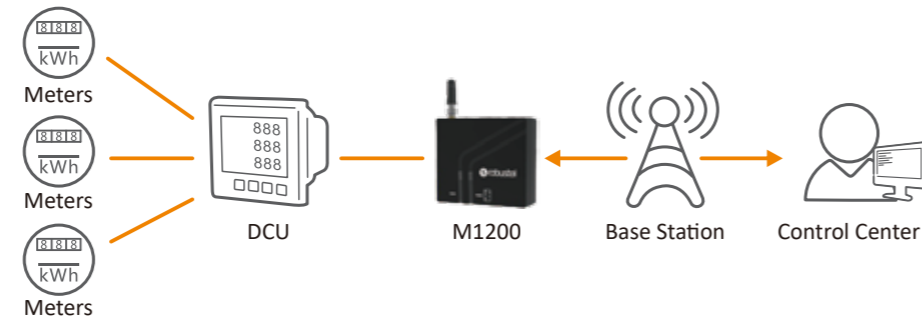
NOTE: Specifications are subject to change without notice.



Smart Metering

Recommend product: M1200

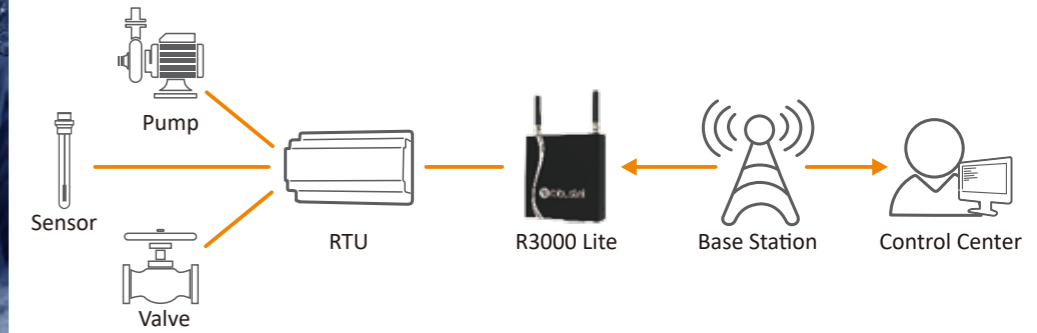
The industrial level oriented product design enables the M1200 to provide 24h/7d online communication for remote data collection in harsh environments with intense weather of electromagnetic interference. Compatible with 3rd party cloud platforms and onboard intelligent applications like Modbus TCP to RTU conversion, remote management, configuration, and OTA firmware updates simplify the integration, installation, operation and maintenance of any wireless IoT solution.



Water Management

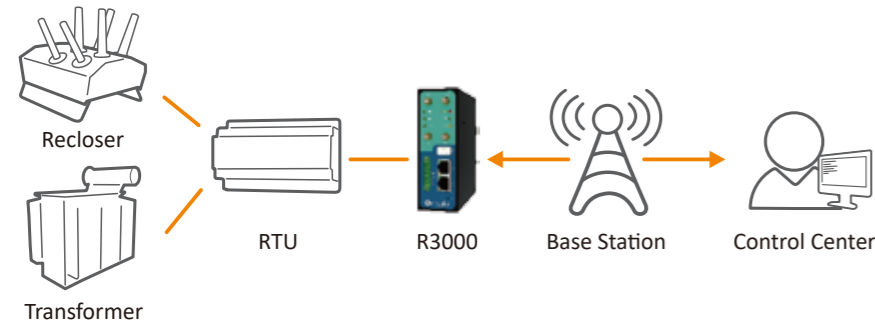
Recommend product: R3000 Lite

The R3000 Lite Dual-SIM router in combination with 3G/4G coverage provides a reliable and continuous communication solution for real time monitoring. The rugged design provides reliability in environments with extreme temperature and humidity. Programming the R3000 with an always-on wireless connection and RCMS VPN ensures 24/7 access to critical data when you need it.



Recommend product: R3000

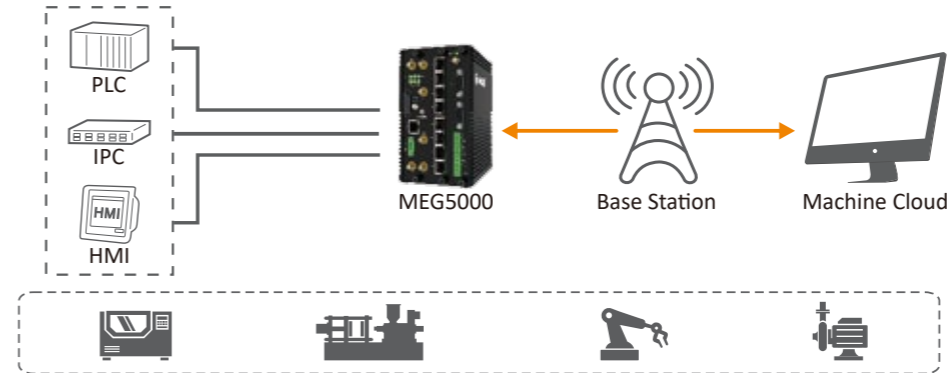
The R3000 is a versatile communication device enabling consistent and reliable wireless connectivity with pole-mounted sectionalizers, reclosers, a rugged design, high EMC level compliance and wide operating temperature. The R3000 provides an always online connection for remote critical data collection in outdoor and complex electromagnetic field environments.



Distribution Automation

Recommend product: MEG5000

Through EDGE computing, the Modular Industrial EDGE Gateway MEG5000 can collect, analyze and act on critical data instantly without connecting to a Cloud host. Being able to make rapid decisions at the EDGE can optimizations which are vital for analysis and predictive maintenance.



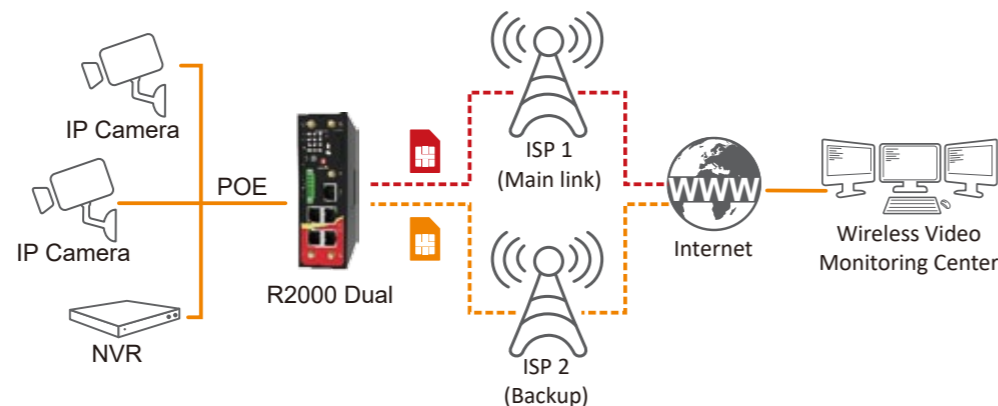
Industrial Automation



CCTV

Recommend product: R2000 Dual

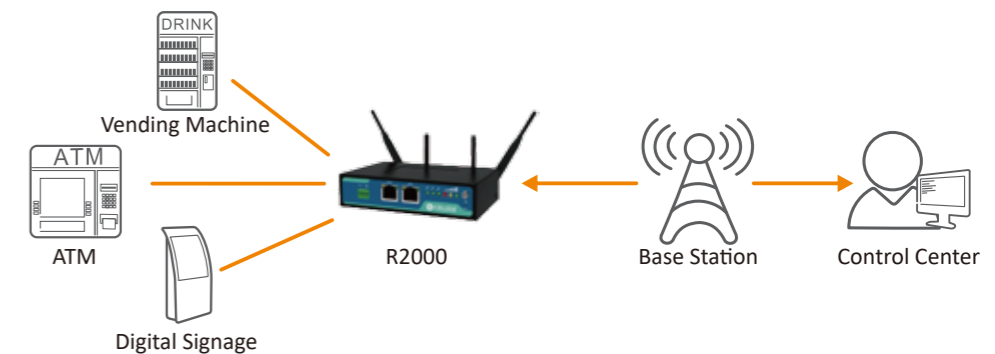
The R2000 Dual provides solid 4G/LTE connectivity with dual module failover to maximize upload bandwidth and network availability for video surveillance systems, and through POE, users can use RCMS cloud to control the ON/OFF of remote cameras.










Self-service Kiosk






Recommend product: R2000



R2000 Ethernet VPN router combined with advanced 4G LTE technology provides wide band cellular communication and secure VPN tunnels for remote on-site Kiosks. A fully open SDK with Java support makes the R2000 a great choice for custom applications for finance and vending.







		Model		Cellular	SIM	Cellular Antenna	Ethernet	Serial	Voice	USB	I/O	Bluetooth	MicroSD	POE	LED Indicators	GPS	Wi-Fi	Power Supply Input Range	Mounting	Dimension Weight	Operating Temperature	Approval	Software	Firmware Upgrade	RCMS Cloud	
R2000 Cellular Routers	R2000	R2000-3P		3G HSPA+	2	2	2 x LAN or 1 x WAN 1 x LAN	N/A	N/A	N/A	N/A	N/A	N/A	Optional, 1 x PD port 802.3at	6 includes RUN, PPP, USB, 3 x RSSI	N/A	Optional, supports AP and Client mode	9 to 36 VDC	Din-Rail Wall-Mount Desktop	127.5 x 82.5 x 29.5mm, 305g Metal housing	-25 to +70°C	CE, RCM, EAC, CCC, FCC, PTCRB, E-Mark Telec, AT&T RoHS, WEEE	VPN/RobustVPN Routing Protocol Firewall SDK + APP	Web/CLI/SMS/RCMS	RCMS	
		R2000-4L		4G TDD/FDD LTE																						
		R2000-4M		Cat.M1/NB-IoT																						
	R2000 Dual		R2000-D3P1	3G HSPA+	2	2	1 x WAN 4 x LAN	N/A	N/A	N/A	1 x DI (ACC)	N/A	N/A	max 4 x POE ports (30w each), 802.3at/af	12 includes 1 x RUN, 2 x PPP, 1 x USB, 2 x NET, 6 x RSSI	N/A	Supports AP and Client mode	9 to 57 VDC (48 to 57 VDC for POE)	Din-Rail Wall-Mount Desktop	145 x 130 x 46 mm, 750g, Metal housing	-25 to +70°C	CE, RCM, EAC RoHE, WEEE	VPN/RobustVPN Routing Protocol Firewall SDK + APP	Web/CLI/SMS/RCMS	RCMS	
			R2000-D3P2																							4
			R2000-D4L1																							2
			R2000-D4L2																							4
	R2000 Ent		R2000-E4L1	4G TDD/FDD LTE	2	2	1 x WAN 4 x LAN	1 x RS232 or RS485 (RJ-11 port)	1 x FXS (RJ-11 port)	1 x USB host	N/A	N/A	N/A	Optional, 1 x PD port 802.3at	11 includes 1 x RUN, 1 x NET1, 1 x NET2, 1 x USB, 1 x RSSI1, 1 x RSSI2, 5 x Ethernet	N/A	Supports AP and Client mode	9 to 36 VDC	Din-Rail Wall-Mount Desktop	193 x 113 x 32 mm, 695g, Metal housing	-25 to +70°C	CE, RCM RoHS, WEEE	VPN/RobustVPN Routing Protocol Firewall SDK + APP	Web/CLI/SMS/RCMS	RCMS	
			R2000-E4L2																							4
	R2110		R2110-4L	4G TDD/FDD LTE	2	2	1 x WAN 3 x LAN	1 x RS232 1 x RS485	N/A	1 x USB host	1 x DI 1 x DO 1 x ACC	BLE 5.0 Compatible with BLE 4.2, BLE 4.0	1	Optional, 1 x PD port 802.3at	6 includes 1 x RUN, 1 x Modem, 1 x USB, 1 x RSSI, 1 x NET, 1 x WiFi	Optional	Supports AP and Client mode	9 to 36 VDC (without ignition sensing); 10 to 30 VDC (with ignition sensing)	Din-Rail Wall-Mount Desktop	125 x 100 x 48mm, 500g, Metal housing	Normal operation: -20 to +55°C Extended operation: -25 to +70°C	CE, E-Mark, BQB, FCC*, RCM, Telec, Jate RoHS, WEEE (*:In progress)	VPN/RobustVPN Routing Protocol Firewall SDK + APP	Web/CLI/SMS/RCMS	RCMS	

		Model		Cellular	SIM	Cellular Antenna	Ethernet	Serial	USB	I/O	MicroSD	LED Indicators	GPS	Wi-Fi	Power Supply Input Range	Mounting	Dimension Weight	Operating Temperature	Approval	Software	Firmware Upgrade	RCMS Cloud
Smart Industrial IoT Gateway	M1200	M1200-3P		3G UMTS/HSPA+	2	1	N/A	1 x RS232 1 x RS485	1 x mini USB	2 x DI, 1 x DO	N/A	2 includes 1 x RUN, 1 x RSSI	N/A	N/A	9 to 36 VDC	Din-Rail Wall-Mount Desktop	85 x 75 x 28.5mm, 106g, Plastic housing	-40 to +75°C	CE, FCC, PTCRB, RCM AT&T WEEE, RoHS	<ul style="list-style-type: none"> IP protocols: PPP, TCP, UDP, ICMP, DDNS, SNMP, Telnet Serial port: TCP client/server, UDP, Modbus RTU to Modbus TCP, Virtual COM (COM port redirector) 	Serial/TCP	RCMS
		M1200-4L		4G FDD LTE																		
		M1200-4M		Cat.M1/Cat.NB1																		

		Model		Cellular	SIM	Cellular Antenna	Ethernet	Serial	CAN	Voice	USB	I/O	MicroSD	GPS	POE	LED Indicators	Wi-Fi	Power Supply Input Range	Mounting	Dimension Weight	Operating Temperature	Approval	Software	Firmware Upgrade	RCMS Cloud						
R3000 Cellular Routers	R3000	R3000-3P		3G UMTS/HSPA+	2	2	2 x LAN or 1 x WAN 1 x LAN	1 x RS232 & 1 x RS485 or 2 x RS232 or 2 x RS485	N/A	N/A	1 x USB host	4 x I/O	1	Optional	N/A	6 includes RUN, PPP, USR, RSSI, NET, SIM	Optional, supports AP and Client mode	9 to 60 VDC	Din-Rail Wall-Mount Desktop	125 x104 x 43.5 mm, 570g, Metal housing	-40 to +75°C	CE, FCC, CB, UL, PTCRB, GCF, IC, RCM, E-Mark, NBTC, EAC, Anatel, TRA, Telec, IMDA, ICASA Rogers, AT&T, Vodafone RoHS, WEEE	VPN/RobustVPN Routing Protocol Firewall SDK + APP	Web/CLI/USB/SMS/RCMS	RCMS						
		R3000-4L		4G FDD LTE/TDD LTE	2	2																									
		R3000-NU		N/A	N/A	N/A																									
	R3000 Quad	R3000-Q3PB		3G UMTS/HSPA+	2	2	4 x LAN or 1 x WAN 3 x LAN	1 x RS232 or 1 x RS485 software optional				N/A	N/A	N/A		1	Optional	N/A		6 includes RUN, PPP, USR, RSSI, NET, SIM		Optional, supports AP and Client mode	9 to 60 VDC, 18 to 75 VDC (Reverse polarity protection)	Din-Rail Wall-Mount Desktop		125 x104 x 43.5 mm, 570g, Metal housing	-40 to +75°C	CE, RCM, EAC, Telec RoHS, WEEE	VPN/RobustVPN Routing Protocol Firewall SDK + APP	Web/CLI/USB/SMS/RCMS	
		R3000-Q4LB		4G FDD LTE/TDD LTE	2	2																									
		R3000-QLB		N/A	N/A	N/A																									
	R3000 Lite	R3000-L3H		3G UMTS/HSDPA	2	1	1 x LAN	1 x RS232 & 1 x RS485				N/A	N/A	N/A		N/A	N/A	N/A		N/A		N/A	N/A	9 to 36 VDC		Din-Rail Wall-Mount Desktop	105 x98 x 29.5 mm, 305g, Metal housing	-40 to +75°C	CE, FCC, RCM, EAC, PTCRB, IMDA, Postel, NBTC, Telec Telefonica, AT&T, Verizon RoHS, WEEE	VPN/RobustVPN Routing Protocol Firewall SDK + APP	Web/CLI/USB/SMS/RCMS
		R3000-L3P		3G UMTS/HSPA+	2	2																									
		R3000-L4L		4G FDD LTE/TDD LTE	2	2																									
R3010	R3010-4L		2G/3G/4G	1	2	2 x LAN or 1 x WAN 1 x LAN	1 x RS232 1 x RS485	1	1	N/A	N/A	N/A	N/A	7 includes RUN, MODEM, USR, PWR, 3 x RSSI	N/A	9 to 26 VDC	Din-Rail Wall-Mount Desktop	134 x98 x 32 mm, 570g, Metal housing	-40 to +75°C	CE, FCC, IC, PTCRB AT&T, RoHS, WEEE	VPN/RobustVPN Routing Protocol Firewall SDK + APP	Web/CLI/SMS/RCMS	RCMS								

		Model		Cellular	SIM	Cellular Antenna	Ethernet	Serial	CAN	Voice	USB	I/O	MicroSD	GPS	POE	LED Indicators	Wi-Fi	Power Supply Input Range	Mounting	Dimension Weight	Operating Temperature	Approval	Software	Firmware Upgrade	RCMS Cloud
Industrial LoRaWAN Gateway	R3000 LG	R3000-LG4L		2G/3G/4G	2	2	2 x LAN or 1 x WAN 1 x LAN	1 x RS232 or 1 x RS485	N/A	N/A	1 x USB	2 x DI	1	Optional	N/A	6 includes RUN, MODEM, USR, RSSI, NET, SIM	N/A	9 to 60 VDC	Din-Rail Wall-Mount Desktop	125 x 104 x 43.5mm, 570g, Metal housing	-40 to +75°C	CE, RCM, FCC RoHS, WEEE	VPN/RobustVPN Routing Protocol Firewall SDK + APP	Web/CLI/SMS/RCMS	RCMS
		R3000-LGNU		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

		Model		Cellular	SIM	Cellular Antenna	Ethernet	Serial	CAN	Voice	USB	I/O	MicroSD	GPS	POE	LED Indicators	Wi-Fi	Power Supply Input Range	Mounting	Dimension Weight	Operating Temperature	Approval	Software	Firmware Upgrade	RCMS Cloud
Modular Edge Gateway	MEG5000	MEG5000-4L		2G/3G/4G	2	2	1 x WAN 8 x LAN	2 x RS232 1 x RS485	1	N/A	N/A	2 x DI 2 x DO	N/A	Optional	N/A	7 includes MODEM, USR, 3 x RSSI 1 x RUN (Main control card), 1 x RUN (Expansion Card 2)	Optional supports AP and Client mode	12 to 60 VDC	Din-Rail Wall-Mount Desktop	157 x 145 x 89mm, 1600g, Metal housing	-40 to +65 °C/ -10 to +65°C (with Wifi)	CE WEEE, RoHS	VPN/RobustVPN Routing Protocol Firewall SDK + APP	Web/CLI/SMS/RCMS	RCMS
		MEG5000-NU		N/A	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

		Model		Cellular Antenna	Ethernet	Serial	POE	GPS	Wi-Fi	Power Supply Input Range	Mounting	Dimension Weight	Approval	LoRa Interface
IP67 Housing	TPH6700	TPH6700-R2000		2	2	N/A	Optional, 1 x PD port 802.3at	N/A	2	POWER port - 100 - 240 V, 50-60 HZ AC input 9 - 60 V DC input (9 - 36 V DC for R2000/R2000 Ent/R3000 Lite) POWER OPTIONAL - 15 - 18 V for new energy input 48 - 57 V for POE input	Wall Mounting, Pole Mounting	310 x 245 x 93.4 mm, 1010g, (Housing)	CE, RCM, IP67 RoHS, WEEE	N/A
		TPH6700-R2000E		2/4	5	1			2					
		TPH6700-R3000		2	2	2			1					
		TPH6700-R3000L		2	1	1			N/A					
		TPH6700-R3000LG		2	2	1			N/A					