



TR-345 Industrial Router DataSheet



Dual-Core Processing



Supports 4G/5G



Wireless Interface



Reverse Polarity Protection



Disconnection Detection

TR-345 is an industrial grade cellular router designed with industrial grade protection, wide temperature range, wide voltage range, etc. It can easily build a high-speed and stable cellular transmission network. Provide cellular long-distance data transmission services to users using public LTE networks (or VPDN proprietary networks). It has the characteristics of strong universality, standardized interfaces, wide application industries, stable performance, and applicability to complex environments. It can be widely used in various industrial Internet, intelligent transportation, robots and other industries around the world.



(1)Power adapter



(2)Bluetooth antenna



(3)4G antenna

Technical Specifications

Items	Features
Power supply	DC power supply : 12-36V
cellular interface	IEEE 802.11 a/b/g/n/ac
Operating frequency band	2.4G:2.4-2.4835GHz 5G:5.180-5.885GHz
Main chip	MTK series
Antenna	SMA external rotation inner hole
WIFI transmission rate	7628: 300Mbps
	7621: 1200Mbps
External interface	LAN ports: 5 100Mbps Ethernet ports (LAN0 is WAN/LAN adaptive)
	SIM card slot: double-layer
	Antenna interface: 4
	Indicator lights: 8
	DC power supply interface: 1 (DC2.1)
	Reset button: 1
	5G LTE+4*LAN 1000Mbps
	2*RS485;1*RS232
Data rate	802.11n: up to 300Mbps
	802.11b: 1, 2, 5.5, 11Mbps
	802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps
Transmit power	11n HT40 MCS7 : +13.5dBm
	11b CCK: +18 dBm
	11g OFDM: +13.5dBm
Receiving sensitivity	-66dBm at 150Mbps
	-73dBm at 54Mbps
	-86dBm at 11Mbps
Overall dimensions	Length, width, and height: 116 * 134 * 34mm (antenna interface)
Power consumption (current)	Less than 400mA
Working environment	Working temperature: -40 ° C~+75 ° C
	Storage temperature: -40 ° C~+80 ° C
	Humidity: 5%~95%, no condensation



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