



RTDI-350

RUGGEDIZE 5G NR ROUTER



Description

RTDI-350 is a 5G ruggedize router that brings a complete connectivity to industrial applications :

- ◆ 5G / 4G mobile network access and GPS / Galileo geolocation
- ◆ 1x Gigabit Ethernet port for WAN access
- ◆ 4x Gigabit Ethernet LAN ports
- ◆ 2x serial interfaces : RS232 and RS485
- ◆ 1x digital input and 1x relay output

RTDI-350 brings the 5G network enhancements to mission critical applications

- ◆ High speed increased by a factor of 10
- ◆ Latency reduced by a factor of 10
- ◆ Industrial IoT dedicated features

Applications

RTDI-350 is very flexible to serve most smart city and transport, utility, defense and emergency service developments.

RTDI-350 provides all connectivity required by mutli-applications networks that require secured communications for the various application traffics.

It is the case of the smart public transports for example to carry multiple traffics of ticketing and payment, traffic coordination, video-surveillance, information to passengers, emergency services, etc.

MULTI WAN

5G / 4G
Ethernet

5G NR

High speed
CAT 18/16

GPS - GALILEO

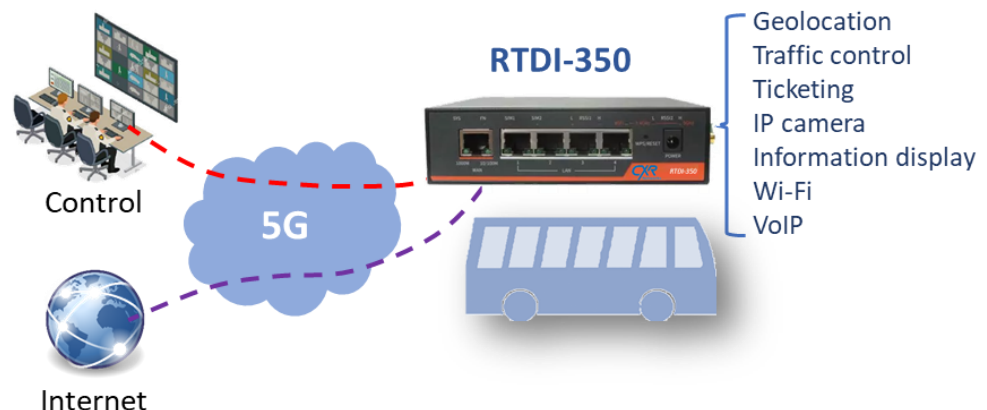
Geolocation

RUGGEDIZE

Extended temperature
Electromagnetic

SECURE

IPSec
Open-VPN
Firewall



Specifications

5G/4G/LTE		General characteristics	
Standards	<ul style="list-style-type: none"> 5G NR : Sub 6 GHz, 2.5Gbps Down / 650 Mbps Up 5G bands : n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/n48*/n66/n71/n77/n78/n79 4G/LTE CAT 16/18 4G/LTE bands : B1/B2/B3/B4/B5/B7/B8/B12(B17)/B13/B14/B18/B19/B20/B25/B26/B28/B29/B30/B32/B34/B38/B39/B40/B41/B42/B43/B46/B48/B66/B71 	Format	<ul style="list-style-type: none"> Compact metallic enclosure DIN rail mounting clip IP-40 protection
	SIM and antennas		<ul style="list-style-type: none"> 2x micro-SIM slots, 2FF format 4x SMA connectors
Ethernet interfaces		Dimensions	<ul style="list-style-type: none"> 139 x 131 x 38 mm
Ethernet	<ul style="list-style-type: none"> 1x WAN 10/100/1000BaseT 4x LAN 10/100/1000BaseT 		Weight
Wi-Fi		Operating temperature	
Wi-Fi	<ul style="list-style-type: none"> 802.11bgn / ac, 2.4 / 5 GHz 2T/2R MIMO, WPA2-PSK AES, 2x SSID MAC filtering, client isolation 		Storage temperature
Protocoles		Hygrometry	
Routing	<ul style="list-style-type: none"> IP v4, IP v6, dual stack Static, RIP v1/2, OSPF, BGP NAT, NAT64 Load balancing over 5G/4G and Ethernet 		Power consumption
VPN	<ul style="list-style-type: none"> OpenVPN, SSL, IPSec, AES-128/196/256, MD5, SHA1, SHA256, IKE v2, GRE, L2TP 8x tunnels DMZ, URM/IP/MAC filtering VPN Keep-Alive, IGMP-TCP 	MTBF	
Security	<ul style="list-style-type: none"> Firewall ACL, MAC and IP filtering 		Environment
Other	<ul style="list-style-type: none"> DNS, DynDNS, SNTP, QoS DHCP Server, Client, Relay UPnP, SMS, Alarm 	Administration	
		Protocols	<ul style="list-style-type: none"> http, https, ssh, snmp v3, syslog Web server
			Management
		Light Indicators	

Ordering information

Reference	Description
RTDI-350	Router 5G
RTDI-350-W	Router 5G with Wi-Fi 802.11ac
RTDI-350-4G6	Router 4G+ CAT6
RTDI-350-4G6W	Routeur 4G+ CAT6 with Wi-Fi 802.11ac



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Smart Solutions for Smart Networks

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