



# RTDI-365

## OUTDOOR 4G/5G ROUTER HIGH GAIN ANTENNA



### Description

**RTDI-365** is a 4G/5G router that embeds a high gain directional antenna to provide better quality connection even at a long distance from the base-station. **RTDI-365** is designed for outdoor installation with a pole mounting kit.

**RTDI-365** addresses many applications in the industry and delivers stable connections even in grey areas.

**RTDI-365** is provided with two options

- ◆ RTDI-365 : 4G router
- ◆ RTDI-365-5 : 5G router

### Applications

**RTDI-365** connects any remote site through the 4G / 5G mobile network

- ◆ Electricity or water distribution substation
- ◆ Intelligent traffic controller
- ◆ Maintenance vehicle
- ◆ Remote building, agency, home-office
- ◆ Warehouse
- ◆ Technical station in a natural environment

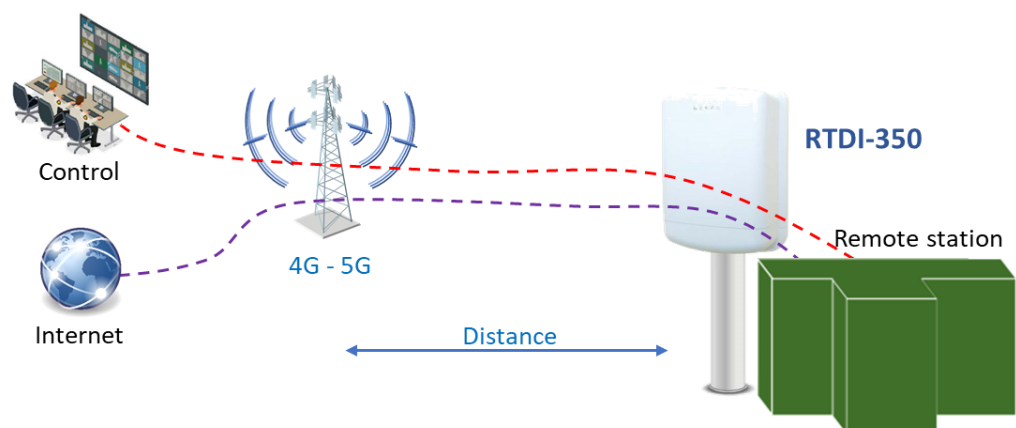
**HIGH GAIN**  
4G/5G connection  
From far stations

**OUTDOOR**  
IP-67 protection

**POE**  
Single cable  
connection

**DOUBLE SIM**

**SECURE**  
IPSec tunnels  
Open-VPN  
Firewall



## Specifications

5G/4G/LTE network		General characteristics	
<b>Standards</b>	<ul style="list-style-type: none"> <li>5G NR : Sub 6 GHz, 2.5Gbps Down / 650 Mbps Up</li> <li>5G bands : n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/n48*/n66/n71/n77/n78/n79</li> <li>4G/LTE : B1/B3/B5/B7/B8/B20/B38/B40/B41</li> <li>3G § WCDMA : B1/B5/B8</li> <li>2G / GSM / EDGE : B3/B8</li> </ul>	<b>Format</b>	<ul style="list-style-type: none"> <li>Outdoor IP-67 enclosure</li> <li>Pole mounting</li> </ul>
<b>Antenna</b>	<ul style="list-style-type: none"> <li>RTDI-365 (4G) : 10 dB</li> <li>RTDI-365-5 (5G) : 6 di</li> </ul>	<b>Interface</b>	<ul style="list-style-type: none"> <li>1x Ethernet RJ45, 10/100/1000BT</li> </ul>
<b>SIM card</b>	<ul style="list-style-type: none"> <li>2x micro-SIM card slots, format 2FF</li> </ul>	<b>Dimensions</b>	<ul style="list-style-type: none"> <li>170 x 225 x 89 mm</li> </ul>
<b>Ethernet interface</b>		<b>Weight</b>	<ul style="list-style-type: none"> <li>0.5 kg</li> </ul>
<b>Ethernet</b>	<ul style="list-style-type: none"> <li>1x LAN 10/100/1000BaseT</li> <li>POE PD 802.3at</li> </ul>	<b>Operating temperature</b>	<ul style="list-style-type: none"> <li>-20 to +50 °C</li> </ul>
<b>Protocols</b>		<b>Hygrometry</b>	<ul style="list-style-type: none"> <li>10 to 95% HR</li> </ul>
<b>Routing</b>	<ul style="list-style-type: none"> <li>IP v4, IP v6, dual stack</li> <li>Static</li> <li>NAT, Virtual server</li> <li>Dual APN : dual router</li> </ul>	<b>Power supply</b>	<ul style="list-style-type: none"> <li>POE 802.3at</li> <li>RTDI-365 : 12 W</li> <li>RTDI-365-5 : 24 W</li> </ul>
<b>VPN</b>	<ul style="list-style-type: none"> <li>OpenVPN, SSL, IPSec, AES-128/196/256, MD5, SHA1, SHA256, GRE, L2TP</li> <li>VPN Keep-Alive, IGMP-TCP</li> </ul>	<b>Environment</b>	<ul style="list-style-type: none"> <li>EN-55032, EN-301489, EN300328, EN301893</li> <li>EN-301908-1, EN-62368-1</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>Firewall</li> <li>ACL, • URL/IP/MAC filtering</li> </ul>	<b>Administration</b>	
<b>Other specs</b>	<ul style="list-style-type: none"> <li>DNS, DynDNS, SNTP, QoS</li> <li>DHCP Server, Client, Relay</li> <li>SMS, Alarme</li> </ul>	<b>Protocols</b>	<ul style="list-style-type: none"> <li>http, https, ssh, snmp v2, syslog</li> <li>Web server</li> </ul>
		<b>Management</b>	<ul style="list-style-type: none"> <li>2x banks of firmware</li> <li>NTP</li> </ul>
		<b>Light indicators</b>	<ul style="list-style-type: none"> <li>System / power, SIM card, 5G/4G signal strength, Ethernet Link / Speed, Internet / VPN status</li> </ul>



## Ordering information

Reference	Description
RTDI-365	4G router with high gain antenna
RTDI-365-5	5G router with high gain antenna



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