IR-710

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Industrial Cellular VPN Router

» *Industrial Cellular VPN router with 1x10/100Base-T(X), Cellular modem included*

Features

- Provides 1 x 10/100Base-T(X) port and 1 SIM card slot
- 3.5G HSUPA Modem dial up included
- Supports VPN Setting (Open VPN, PPTP VPN)
- IP table to prevent access from unauthorized IP address
- Secured Management by HTTPS
- Supports DHCP forwarding through PPTP function
- Update DNS Hostname: DDNS
- Versatile modes & event alarm by e-mail
- Event Warning by Syslog, Email, SNMP Trap, Relay output
- 12~48VDC power input on terminal block
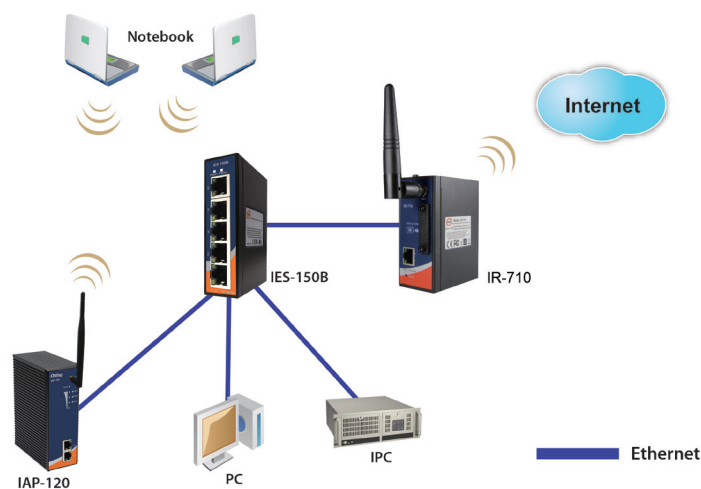- Rigid IP-30 housing design
- DIN-Rail and panel mounting enabled

Introduction

IR-710 is a reliable and cost-effective industrial 3.5G router with 1 port 10/100Base-T(X) and 1 SIM card slot. Users can set up the network environment to fulfill demands of various applications rapidly by dialing up cellular modems. It supports HTTPS and IP filter for security control. Further, IR-710 can operate in a wide temperature range, -10~60°C. Therefore, IR-710 is one of the best solutions for applications of Internet communication.
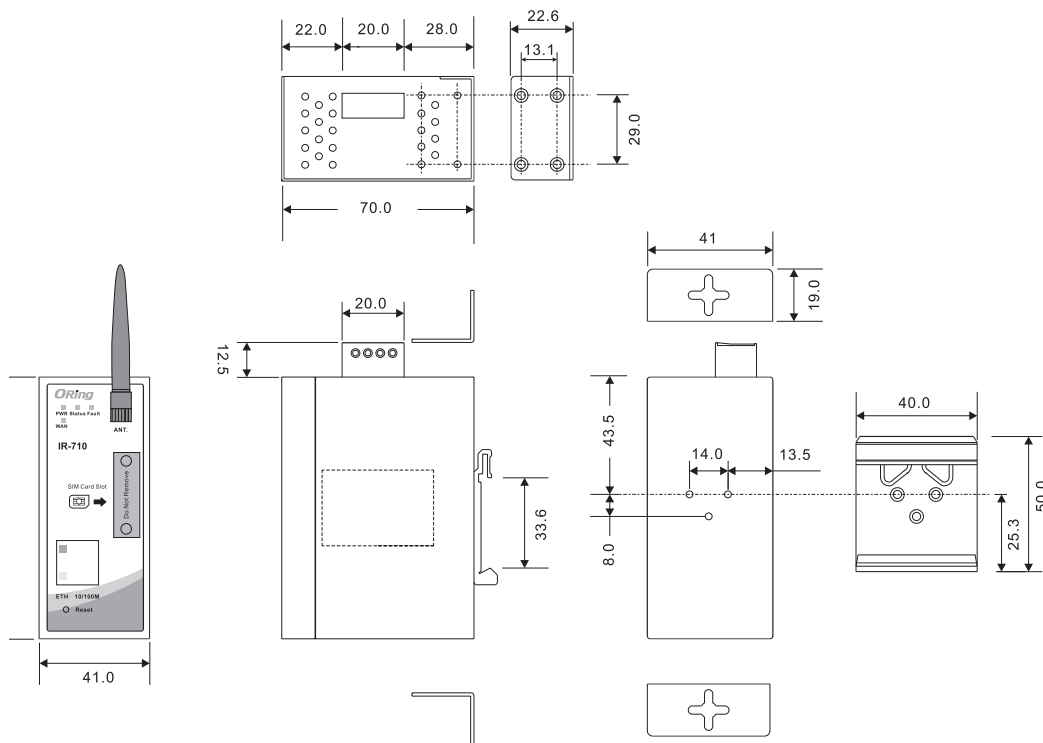
Practical Operation

IR-710 can connect LAN to Internet though 3.5G modem! IR-710 provides the best transmission solution for LAN to mobile Internet.

LAN to Mobile Internet Connection

Dimensions

Unit=mm

Specifications

ORing Router Model	IR-710
Physical Ports	
10/100 Base-T(X) Ports in RJ45 Auto MDI/MDIX	1
Sim Card Slot	1
Cellular Interface	
Cellular Standard	GSM / GPRS/ EGPRS/ EDGE / WCDMA / HSDPA / HSUPA
Band Option	Dual-band : HSUPA 1900/2100 MHz Quad-band : GSM/GPRS/EDGE 850/900/1800/1900 MHz WCDMA/HSDPA 850/900/1900/2100 MHz
LED Indicators	
Power Indicator	Green On: Power is on
Status Indicator	Green : System status indication
Fault Indicator	Amber On : WAN connection link down
WAN	Green on: Cellular modem is present Green blinking: Cellular modem is transmitting data
10/100TX RJ45 port Indicator	Green for port Link/Act. Amber for 10/100Mbps
Fault Contact	
Relay	Relay output to carry capacity of 1A at 24VDC

Industrial
Ethernet Switch

Industrial
Media Converter

Industrial
Device Server

Industrial Wireless
Access Point

Industrial Cellular
VPN Router

Accessories

Network
Management Software

Power	
Power Input	12-48VDC power input on terminal block
Power Consumption	4.5W
Physical Characteristics	
Enclosure	IP-30
Dimensions (W x D x H)	41(W) x 70(D) x 95(H) mm (1.61 x 2.76 x 3.74 inches)
Weight (g)	356g
Environmental	
Storage Temperature	-40 to 85℃(-40 to 185℉)
Operating Temperature	-10 to 60℃ (14 to 140℉)
Operating Humidity	5% to 95% Non-condensing
Regulatory Approvals	
EMI	FCC Part 15, CISPR (EN55022) class A
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11
Warranty	3 years

Ordering Information

IR-7 A 0

Code Definition	10/100Base-T(X) Port Number
Option	- **1:** 1 port

Available Model	Model Name	Description
	IR-710	Industrial Cellular VPN router with 1x10/100Base-T(X), Cellular modem included

Packing List

- IR-710
- Antenna
- DIN-Rail Kit
- Wall-mount Kit
- Quick Installation Guide

Optional Accessories (Can be purchased separately)

- DR-45 series : 45 Watts power supply
- DR-75 series : 75 Watts power supply
- DR-120 series : 120 Watts power supply
- SDR-240-48, 240W DIN-Rail power supply
- SDR-480-48, 480W DIN-Rail power supply
- PAA-121000, 12VDC/1000mA 12W Power Adapter, US plug
- PAE-121000, 12VDC/1000mA 12W Power Adapter, EU plug
- RF Antenna Base Series
- RF Cable Series
- RF Surge Protector Series