IR-711UB

> ## *Industrial Cellular VPN router with 1x10/100Base-T(X) and 1x USB 2.0 host*

Features

- Provides 1 x 10/100Base-T(X) port and 1 port of USB 2.0 host
- USB interface supports 3.5G HSDPA USB Modem dial-up
- Supports VPN Settings (Open VPN, PPTP VPN)
- IP table for preventing access from unauthorized IP address
- Secured Management by HTTPS
- Event Warning by Syslog and Relay output
- 12~48VDC power input on terminal block
- Rigid IP-30 housing design
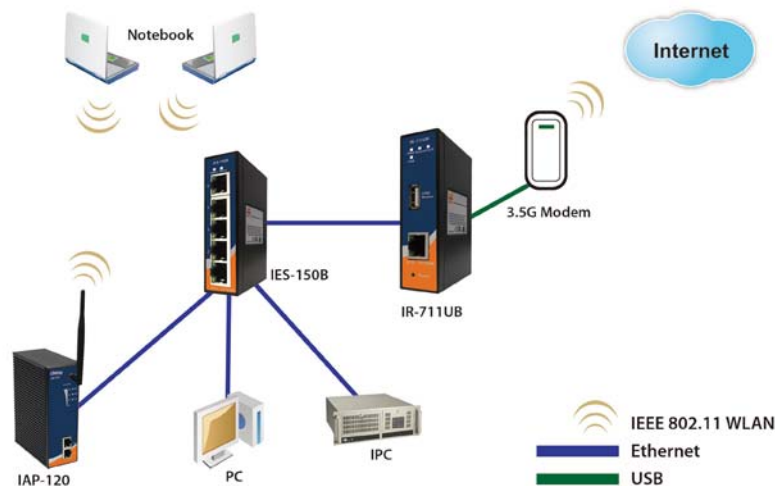- DIN-Rail and wall mounting enabled

Introduction

IR-711UB is a reliable and cost-effective industrial 3.5G router with 1 port 10/100Base-T(X) and 1 port USB 2.0 host. It is designed to dial up different kinds of modems include traditional 56K modem and GPRSG/3G/3.5G modem with USB interface to connect to internet. Further, IR-711UB can operate in a wide temperature, -20~70°C. Therefore, IR-711UB is one of the best solutions for applications of mobile Internet communication.
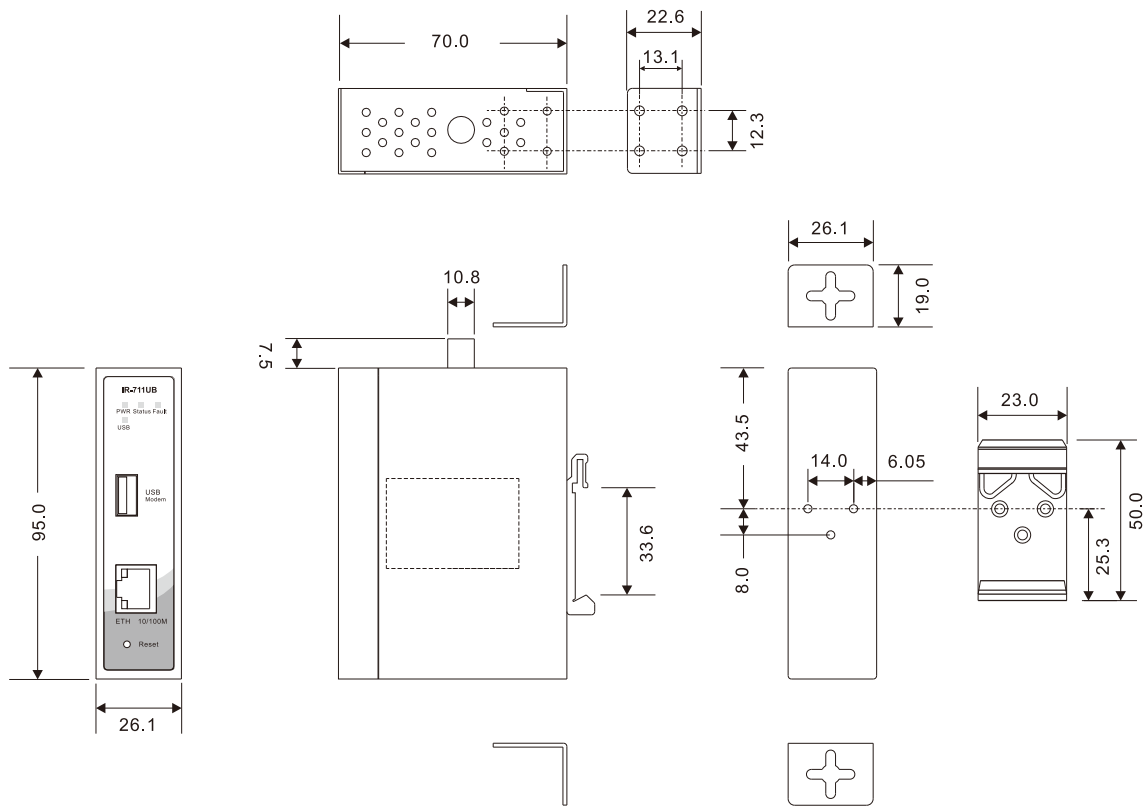
Practical Operation

IR-711UB can connect LAN to Internet though 3.5G modem! IR-711UB provides the best and cost effective transmission solution for LAN to mobile Internet.

LAN to Mobile Internet Connection

Dimensions

Unit=mm

Specifications

ORing Cellular Router Model	IR-711UB
Physical Ports	
10/100 Base-T(X) Ports in RJ45 Auto MDI/MDIX	1
USB Host port	1x USB 2.0 Host port
Modem Support	

List	USB modems and ISDN adapters which support the Communication Device Class Abstract Control Model interface
	List of tested devices :
	    Hummingbird huc56s (Conexant)
	    Huawei E220/E230
	    Simense HSDPA-180C
	    Prolific 2303 + serial modem
	    Quanta MUQ101
	    Sony Ericsson MD400/MD400g
	    Sierra C885

LED Indicators	
Power Indicator	Green On : Power is on
Ready Indicator	Green : System status indication
Fault Indicator	Amber On : WAN connection link down
USB Indicator	Green On : USB modem is present
10/100 Base-T(X) RJ45 Port Indicator	Green Blinking : Ethernet port is transmitting data
Fault Contact	
Relay	Relay output to carry capacity of 1A at 24VDC

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Power	
Power Input	12~ 48 VDC power input at 4-pin terminal block
Power Consumption (Typ., USB Modem not included)	3.3W
Overload Current Protection	Present
Reverse Polarity Protection	Present
Physical Characteristics	
Enclosure	IP-30
Dimensions (W x D x H)	26.1(W)x70(D)x95(H) mm (1.03x2.76x3.74 inches)
Weight (g)	190g
Environmental	
Storage Temperature	-40 to 85℃(-40 to 185℉)
Operating Temperature	-20 to 70℃ (-4 to 158℉)
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
Shock	IEC60068-2-27
Free Fall	IEC60068-2-32
Vibration	IEC60068-2-6
Safety	IEC60950-1
Warranty	5 years

Ordering Information

IR-7 A B C B

Code Definition	10/100Base-T(X) Port Number	Additional Port Number	Additional Port type
Option	- **1:** 1 port	- **1:** 1 port	- **U:** USB Interface

Available Model	Model Name	Description
	IR-711UB	Industrial Cellular VPN router with 1x10/100Base-T(X) and 1x USB 2.0 host

Packing List
- IR-711UB
- DIN-Rail Kit
- Wall-mount Kit
- ORing Tool CD
- Quick Installation Guide

Optional Accessories (Can be purchased separately)
- DR-45 series, 45W DIN-Rail power supply
- DR-75 series, 75W DIN-Rail power supply
- DR-120 series, 120W DIN-Rail power supply
- PAA-121000, 12VDC/1000mA 12W Power Adapter, US plug
- PAE-121000, 12VDC/1000mA 12W Power Adapter, EU plug