

产品 Title:

CDMA Router of E-Lins Broadband Wireless CDMA Router

关键词(标签):

cdma router, wireless cdma router, cdma wireless router

简要说明:

Industrial wireless cdma router, suitable for cdma wireless network. Built-in watchdog, wireless radio and sim card slot. Detachable antenna. **Support VPN, WiFi, GPS, Serial, POE, Port forwarding, DMZ, DDNS, remote control, and optimized EMC design, high stable and reliable.**

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产品详细说明:

1. Main

The H685 series Cellular Router designed for establish a CDMA cellular and Wi-Fi wireless network and share a cellular broad band Internet connection. The H685 series Cellular Router enables users to quickly create a secure Wi-Fi (802.11 b/g/n) network and provide access to the Internet using a cellular network. By connect to cellular mobile network; an Internet connection can be accessed and shared virtually anywhere within a wireless broadband network.

E-Lins' mobile data products are widely used in industrial fields, such as power control, water schedule, traffic, oil field, weather forecast, environmental protection, street lamp control, post, bank and many other areas..

2. Hot Spot

Built-in CDMA industrial cellular module and sim card slot, insert SIM/UIM card to work directly.

Auto-dial feature, keep alive link

Built-in watch dog

1 WAN RJ45 port + 1 LAN RJ45 port (WAN RJ45 can convert into LAN RJ45 to get 2 LAN RJ45)

VPN (PPTP, L2TP, IPSec, GRE, Tunnel), SNMP

standard SMA antenna can be replaced with high gain type

Terminal port for DTU feature (Serial to Cellular Gateway feature,RS232 or RS485 option)

WiFi 802.11b/g/n 150Mbps (optional), can choose 300Mbps.

RJ45 WAN (xDSL) and Cellular backup each other (Route Fail Over Feature)

Two H685 can backup each other if one H685 line failed. (to be Dual sim dual module feature)

Always online, Reboot if the connection is failed.

WiFi can be used as WiFi client

Cellular, WAN RJ45 and WiFi Client can failover backup each other redundancy.

SMS/Voice call to control router to be online and offline (optional)

GPS (optional)

VRRP

RIP OSPF BGP (optional)

I/O port *2 (optional)

POE support (optional)

3. Wireless M2M Application

Remote Data Monitor and Control

CCTV, security surveillance

Water, gas and oil flow metering and schedule
AMR (automatic meter reading)
Power station monitoring and control
Remote POS (point of sale) terminals, ATM,
Traffic signals monitor and control, Traffic info guidance
Oil field, weather forecast, environmental protection, street lamp monitoring and control
Early Warning of Mountain Torrent
Fleet management
Power distribution network supervision
Central heating system supervision
Weather station data transmission
Hydrologic data acquisition
Vending machine
Telemetry, SCADA
Vehicle logistics and diagnostics controlling
Parking meter and Taxi Monitor
Telecom equipment supervision (Mobile base station, microwave or optical relay station)

4. H685 Series Wireless Broadband Router Spec

Mobile Networks:

CDMA1x;
3G CDMA EVDO Rev 0 and Rev A;

Wireless Radio Band:

CDMA1x/EVDO: 800/1900Mhz or 450Mhz option;

Wireless Radio Bandwidth:

CDMA1x: Downlink/Uplink 153.6kbps;
CDMA EVDO:
Rev B: 14.7Mbps downlink, 5.4Mbps uplink
Rev A: 3.1Mbps downlink, 2.4Mbps uplink
Rev O: 2.4Mbps downlink, 153.6kbps uplink

Main:

SMS/Voice (optional): SMS/Voice call to control router to be online, offline and reboot;

GPS (Optional): Yes;

DTU (Optional):

With DTU feature (Serial to Cellular Gateway feature, RS232 or RS485 port option).

Details:

Serial Baudrate: 300bps, 600bps, 1200bps, 2400bps, 4800bps, 9600bps, 19200bps, 38400bps, 57600bps, 115200bps;

Serial Parity: none, even, odd;

Serial Databits: 7, 8;

Serial stopbits: 1, 2;

Serial flow control: none, hardware, software;

Mode: Server (up to 4 server centre, can OEM to be more), Client;

Protocol: TCP, UDP ;

Heart Beat : Yes;

VPN: PPTP, L2TP, IPSec, GRE, Tunnel, option for OpenVPN and others

VRRP: Optional

BGP, OSPF: Optional

SNMP: Support V1, V2, V3

VLAN: Support multi-LAN IP address, support two IP address

Wi-Fi: Optional, 802.11b/g/n; 150Mbps default. 300Mbps optional.

Frequency from 2.4GHz to 2.483GHz, Access Points, Routers and Gateway Server Applications, wireless up to 254 PC users

Fail Over Redundancy (network Backup feature):

Auto-dial feature, keep alive link;

Built-in watch dog;

Cellular (CDMA), RJ45 WAN (xDSL, DHCP, Fixed IP), WiFi client three line redundancy;

Two H685 dual sim same network(Network1+ Network1);

Two H685 dual sim two network (Network2+ Network 2);

Two H685 dual sim dual mode network (WCDMA+CDMA2000, WCDMA+LTE, CDMA2000+LTE);

Cold Backup is default, Hot Backup is option;

Cold Backup=WAN RJ45 and Cellular WAN not online at the same time. One line online and the other line standby, switch freely with triggers;

Hot Backup=WAN RJ45 and Cellular WAN are online at the same time. Data goes the main line, and switch to the other line. Hot Backup switch time is shorter than Cold Backup.

Management System: Optional

POE: Optional for LAN/WAN RJ45

Protocol

Protocol support: TCP, UDP, SMTP, POP, ICMP, FTP, PPP, PPPoE, DHCP, DDNS, DNS, WPS, DMZ, Syslog (local and remote), NAT, xDSL, NTP, QoS, SNMP, RIP, support firmware update locally or remotely.

LAN/WAN

1X 10/100M LAN port (RJ45 interface)

1X 10/100M WAN port (RJ45 interface)

(WAN RJ45 can convert into LAN RJ45 to get 2 LAN RJ45)

Antenna

2 antenna for Wi-Fi (detachable, SMA interface * 1, Internal *1)

3 antenna for Cellular and GPS (detachable, 50Ω SMA female interface), Cellular support diversity receiving (MIMO) option

Led

SYS*1, VPN*1, Signal*1, Cell*1, WAN*1, LAN*1, WiFi*1

Button: Reset

Console: 1 console port

Serial port: RS232 or RS485 built-in terminal block interface

IO Port: 2

Configuration Interface: Web/Telnet/CLI, support remote management

At command: support

UIM/SIM Card Slot: Support 1.8V/3V UIM/SIM

DC Jack:

Two types of input jack for DC

2.5mm DC jack * 1

Terminal Block * 1

Power supply:

DC5V-50V, typical DC 9V1A or 12V1A, 12v CAR USE; DC5V~40V is the default, DC5V~50V is the option;

Power consumption

Idle: 22mA@12VDC

Max: 208mA@12VDC

Average:125mA@12VDC

OS

Windows, Linux, Mac OS, IOS, Symbian, Android, other OS support web browser;

Physical

Operating Temperature:

Work temperature: -30°C to 70°C option for -30°C to 80°C

Storage temperature: -40°C to 85°C

Humidity: 95% Maximum (Non-condensing)

Dimensions:

PCBA: 96mm x 56mm x 14mm

With case: 100mm x 60mm x 21mm

Weight:

220g (not including the antenna)

330g (including the antenna)

650g (including all accessories, without package)