MIR675-W

1 WAN Port + 4 LAN Port 100M

Single SIM 4G LTE Router

Product description

MIR675 series 4G router can be used in power systems, industrial monitoring, traffic management, meteorology, water treatment, environmental monitoring, financial securities, coal mines, petroleum and other industries. It is used for remote field data collection, remote monitoring, field control, etc. The indispensable industrial communication products for the development of the Industrial Internet of Things provide a convenient and fast networking solution for user equipment. MIR675 has rich and diverse networking functions, supports wired WAN port, LAN port, WLAN network and 4G network access.

Features:

-Support 4 wired LAN ports, 1 wired WAN port, and 1 WLAN wireless local area network

-4G communication module supporting Mini-PCIE interface

-Support LED status monitoring

-Support transparent data transmission from RS-232/485 to the network;

-Support Web multi-platform management configuration mode and one-key restart and restore factory settings

-Support APN automatic network detection, 2/3/4G automatic switching, SIM card information display, and APN
   dedicated network card

-Support wired/wireless multi-network simultaneous online, multi-network intelligent switching backup function

-Support peanut shell intranet penetration, DDNS, static routing, PPPOE, DHCP, static IP functions

-Ethernet interface up to 6KV lightning protection, RS-232/RS-485/RS-422 interface up to 4KV surge protection

-Support firewall, NAT, DMZ host, black and white list of access control, IP speed limit, MAC speed limit

Product specifications

Wired Ethernet Port	
Interface	RJ45
Isolation protection	1.5kv
Cross-connect auto switching	Support
WAN port	WAN * 1
LAN port	LAN * 4
	Both LAN port and WAN port with a rate of 10/100Mbps, Auto MDI/MDIX

Serial Port	
Serial port (5Pin terminals)	Data transparent transmission between RS232/RS485 and 4G network
Rate	RS232/485: 1200-115200bps

USB Port	
Supported Protocol	USB 2.0

WIFI	
WIFI Network	Support 802.11b/g/n
Antenna	WIFI antenna *2, SMA interface

Specification	
Interface	Mini PCI-E 52PIN
TDD-LTE	download rate of 130 Mbps; Upload rate of 35 Mbps
FDD-LTE	download rate of 150 Mbps; Upload rate of 50 Mbps
WCDMA	download rate of 42 Mbps; upload rate of 5.76 Mbps
TD-SCDMA	download rate of 4.2 Mbps; upload rate of 2.2 Mbps
CDMA2000	download rate of 3.1 Mbps; upload rate of 1.8 Mbps
CDMA	download rate of 384 kbps; upload rate of 128 kbps
GSM	download rate of 384 kbps; upload rate of 128 kbps

Frequency Band	
Band	Customized Frequency Band for 4G Router in different Region

SIM Card & Antenna	
SIM Card	Standard 6 pin SIM card, 3V/1.8V SIM card
Antenna	3/4G full-frequency antenna * 1

Indicator Lights	
Status indicator light	Power, WIFI, 4G, WAN*1, LAN*4

Software

User configuration	WEB management
Software functions	Support DNS
	Wi-Fi signal supports WPA/WPA2, WEP and other encryption methods
	Support operator private network APN
	Support port mirroring
	Support flow rate limit function and QOS
	Support DHCP, static routing, PPPOE, static IP functions
	Support TCP Server/TCP Client/UDP Server/UDP Client
	Network diagnosis function: support Ping, Traceroute and Tcpdump
	Support local system log, remote log, local log timing save, etc.
	Support wired and wireless multi-network simultaneous online, link backup, dual-mode backup, wired and wireless backup
	Watchdog function, automatic detection of network disconnection, automatic restart of dialing failure, one-key restore to factory default configuration
	Support immediate restart and scheduled restart function

Temperature

Working Temp	-20℃~ +70℃
Storage Temp	-40℃~ +85℃

Humidity

Working Humidity	10%~90%
Storage Humidity	5%~95%

Dimension

Size	185.0×112.0×33.0mm(L*W*H)

Power Supply

Working Voltage	DC9~36V
Working Current	Average: 301mA@12V; Max: 218mA (DC12V)
Power protection	Anti-surge, ESD protection, anti-reverse connection

Warranty

Warranty period	5 years warranty
Certification	CE, FCC, RoHS

Ordering information

MIR675-W	1 WAN Port + 4 LAN Port 100M Single SIM 4G LTE Router
MIR675-WB	1 WAN Port + 4 LAN Port 100M Dual SIM 4G LTE Router