

MIR675-WB

1 WAN Port + 4 LAN Port 100M

Dual 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

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|------------------------------|---|
| 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

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

USB Port

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|--------------------|---------|
| Supported Protocol | USB 2.0 |
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WIFI

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|--------------|--------------------------------|
| 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

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| Band | Customized Frequency Band for 4G Router in different Region |
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Transmission Power

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|--------------------|---------------|
| Transmission power | 20dbm, 100mw. |
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SIM Card & Antenna

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| SIM Card | Standard 6 pin SIM card, 3V/1.8V SIM card |
| Antenna | 3/4G full-frequency antenna * 2 |

Indicator Lights

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|------------------------|-------------------------------|
| Status indicator light | Power, WiFi, 4G, WAN*1, LAN*4 |
|------------------------|-------------------------------|

Software

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| 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

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|--------------|---------------|
| Working Temp | -20°C ~ +70°C |
| Storage Temp | -40°C ~ +85°C |

Humidity

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

Dimension

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|------|---------------------------|
| Size | 185.0×112.0×33.0mm(L*W*H) |
|------|---------------------------|

Power Supply

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|------------------|---|
| 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

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|-----------|---|
| 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 |