

4G Dual SIM Industrial Router

ZXF0453

Product Specification

Document

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I. Product Profile

This product is a high-specification professional industrial wireless router, support dual card, RS232/RS458 local serial port cloud, to achieve off-site serial port management, unified management of the cloud, the status of the device at a glance. Support 4G full network pass, support Wi-Fi AP function, mention 10M/100M adaptive Ethernet interface, 4G function plug and play. Industrial-grade high standard design; with anti-interference and anti-surge capabilities, widely used in industrial control, data communication systems and industrial automation.

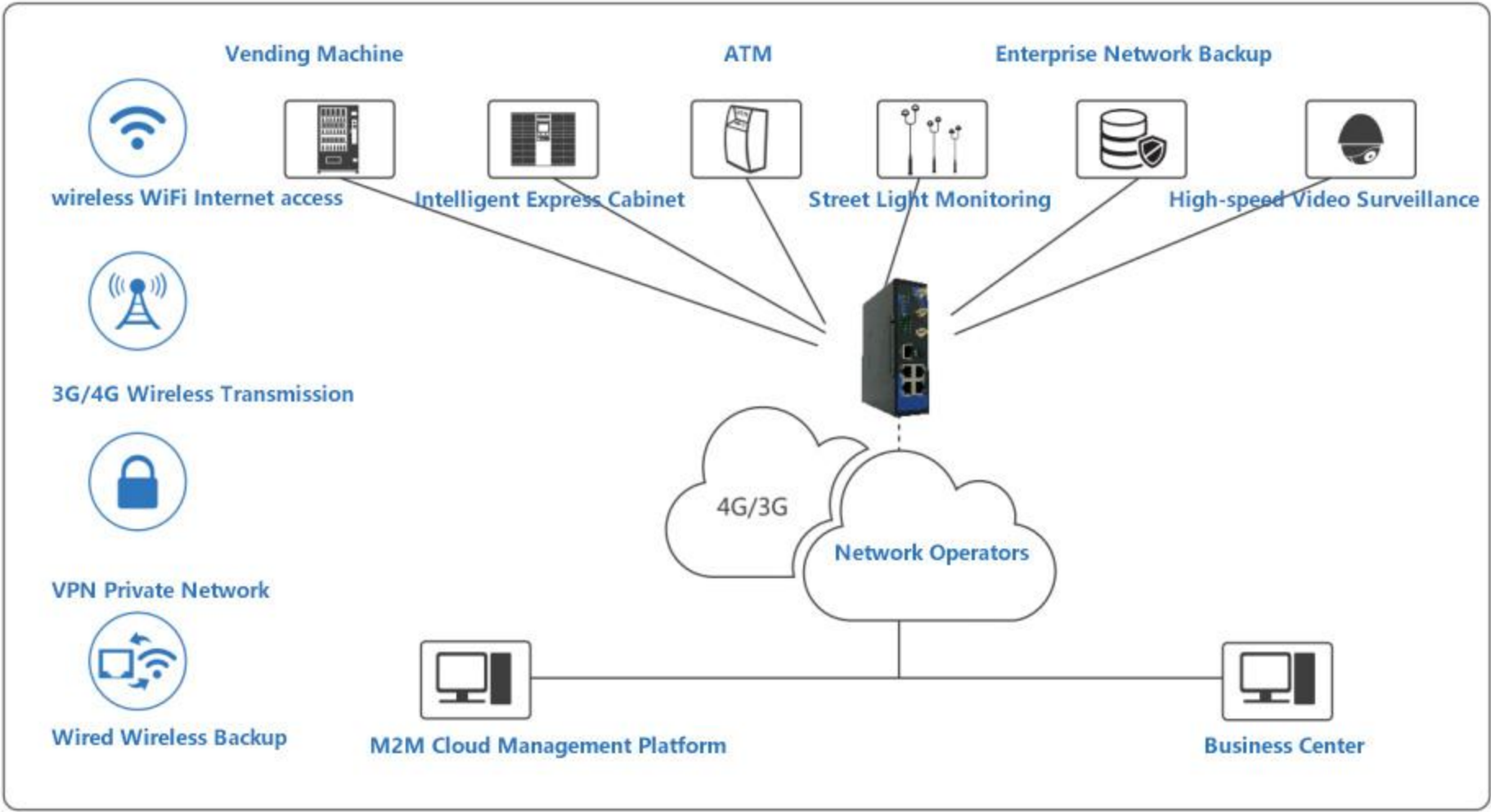
II、 Product Images



III. Product characteristics

- " 4G/5G wireless data transmission (Full Netcom 4G as standard, 5G can be customized)
- " Dual wired/wireless backup
- " Support LAN/WAN switching
- " Built-in watchdog, automatic recovery from operational faults
- " Support cloud platform remote management
- " Wide voltage 5-48V design, optional POE power supply, high performance





IV. Technical parameters

network support	
network access	Supports CAT-4 4G (FDD supports up to 150Mbps downlink, TDD supports up to 100Mbps downlink) / 42Mbps HSPA+ Support EDGE/GPRS, EVDO/CDMA (optional)
Access Authentication	Support NDIS DHCP dialing/PPP dialing/Bridge dialing method (optional) Support CHAP/PAP authentication method
WAN protocol (optional)	Supports Static IP, DHCP, PPPoE
network protocol	
protocol standard	2.4G WiFi
network standard	
abbr. China Unicom or Unicom	2G/3G/4G
mobility	2G/3G/4G
telecommunicate	2G/3G/4G
hardware interface	
Ethernet interface	1*WAN+4*LAN/5*LAN 10/100Mbps Adaptive Ethernet Port

	1 x RS232/RS485
electric power source	
Power Input	+12V DC
Standby power consumption	Approx. 160mA@12V DC
Operating power consumption	Approx. 300mA@12V DC
environmental temperature	
Environmental humidity	≤ 95% (no condensation)
Storage temperature	-40 ~ +85°C
operating temperature	-40 ~ +70°C
Environmental machinery	
under attack	IEC 60068-2-27
collisions	IEC 68-2-29
free-fall	IEC 68-2-32
vibratory	IEC 68-2-6, JT/794
EMC indicators	
Electrostatic discharge immunity	EN61000-4-2, level 4
immunity to radiofrequency electromagnetic field radiation	EN61000-4-3, level 3
Electrical fast transient pulse group immunity	EN61000-4-4, level 4
Conducted Harassment Immunity for RF Field Induction	EN61000-4-6, level 3
Work frequency magnetic field immunity	EN61000-4-8,>level 4
Safety RoHS	
Conducting Continuous Harassment	CISPR22, CLASS B
Radiation Continuity Harassment	CISPR22, CLASS B
dielectric strength	GB/T 25119
RoHS	IEC 62321-3-1
Overall dimensions	144*111*42.3mm
Installation	Horizontal tabletop, wall or rail mounting (wall and rail mounting require additional mounting accessories)

V. Channel support

2G	GSM 850/900/1800/1900
3G	WCDMA B1/2/4/5/8
4G	fdd b1/2/3/4/5/7/8/17/20/28a/28b + tdd b34/b38/39/40/41 + tds b34/39

VI. Software features

Router Features	
WAN	Wired 4G Auto Switching
LAN	DHCP server
Wifi	2.4G
IP routing	Support Static Router, RIP, OSPF (optional)
DDNS	Support ORAY (peanut shells), DYDNS, CHANGEIP, 88ip, 3322, etc. dynamic domain name resolution
Firewall	Supports NAT, PAT, DMZ, port mapping, virtual server Supports IP packet/domain name/MAC address filtering
VPN	Support IPSec VPN Support L2TP, PPTP, GRE Support OPENVPN
dependability	
Backup function (optional)	Supports WAN/Cellular backup
Link in-line inspection	Support link keep session Support ICMP detection detection, disconnection automatic connection
embedded watchdog	Hardware-level watchdog with automatic recovery from operational failures
equipment management	
Configuration	Supports local or remote HTTP, HTTPS, Telnet, SSH methods Supports parameter backup and importation Support SNMP v1/v2/v3, support SNMP TRAP (optional) Support cloud management platform, support traffic analysis, report statistics, support location management, group management
Upgrade Method	Support local upgrade Support remote WEB/TFTP/FTP upgrade Support platform upgrade management
Syslog	Supports local or remote log output
Reboot Management	Support remote reboot, timed reboot
network diagnosis	Ping Support Device Diagnostics

VII. Ordering information

model number	norm	
4G Industrial Router	1*WAN 4*LAN IEEE802.11b/g/n 2.4G 30M 5dbi gain antenna Standard SIM 4G support GNSS EC20 R2.1 B1/B3/B5/B8 B34/B38/B39/B40/B41 BC0 GSM	

	900MHz/1800MHz	
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