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Connecting. Converting. Leading !

3G Cellular WiFi Router, Model 4363



GSF 4363 ROUTER is a cellular terminal device that provides data transfer function by WCDMA/HSDPA/HSUPA/HSPA+ network. It can conveniently and transparently connect your existing Serial and Ethernet devices to a cellular network

It supports RS232 (or RS485/RS422), Ethernet and WiFi ports that can conveniently and transparently connect your existing serial and Ethernet devices to a cellular network

It has been widely used on M2M fields, such as self-service terminal, intelligent transportation, smart grid, industrial automation, telemetry, finance, POS, water supply, environment protection, post, weather, and so on. Support Modbus RTU to Modbus TCP Conversion.

Product Feature

Designed for Industrial Application

High-powered industrial cellular module

High-powered Industrial 32bits CPU

Support low-consumption mode, including sleep mode, scheduled online/offline mode, scheduled power-on/power-off mode (optional)

Housing : Iron, providing IP30 protection

Power range : DC 5~36V

Stability and Reliability

Support Hardware and Software WDT

Support Auto recovery mechanism, including online detect, auto redial when offline to make router always online

Ethernet port : 1.5KV magnetic isolation protection

RS232/RS485/RS422 port : 15KV ESD protection

SIM/UIM port : 15KV ESD protection

Power port : Reverse-voltage and Overvoltage protection

Antenna port : Lightening protection (optional)

Standard and Convenience

Support standard RS232 (or RS485/RS422), Ethernet & WiFi port that can connect to Serial, Ethernet & WiFi devices directly.

Support standard WAN port & PPPoE protocol that can connect to ADSL directly

Enter into communication state automatically when powered

Provide management software for remote management

Support several work modes

Convenient configuration and maintenance interface WEB or CLI

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High-performance

Support 2G/3G/Static IP/DHCP, PPOE WAN access methods
Support Double link back up between WCDMA and WAN
Support VPN client (PPTP, L2TP, OPENVPN, IPSEC and GRE)(only for VPN version)
Support VPN server (PPTP, L2TP, OPENVPN, IPSEC and GRE)(only for VPN version)
Support local and remote firmware upgrade, import and export configure file.
Support NTP, RTC embedded
Support multiple DDNS providers
Support MAC Address clone, PPPoE Server
Support WiFi 802.11 b/g/n, AP Client, Adhoc, Repeater Bridge mode
WiFi support WEP, WPA, WPA2 encryption and MAC address filter
Support multi trigger ways, SMS, ring and data
Support link disconnection when timeout
Support APN/VPDN
Support DHCP server and client, Firewall, NAT, DMZ host, URL block, QoS, Traffic statistics, Real time link speed statistics etc
Full protocol support, TCP/IP, UDP, ICMP, SMTP, HTTP, POP3, OICQ, TELNET, FTP, SNMP, SSHD, etc. Support Modbus RTU to Modbus TCP Conversion.
Schedule Reboot, Schedule Online and Offline, etc

Specification

Cellular Specification

Standard and Band	: UMTS/WCDMA/HSDPA/HSUPA/HSPA+ 850/1900/2100MHz : 850/900/1900/2100MHz (optional) : GSM850/900/1800/1900MHz, GPRS/EDGE CLASS 12
Bandwidth	: HSPA+ : 21 Mbps (Download speed), 5.76 Mbps (Upload speed) : HSUPA : 5.76 Mbps (Upload speed) : HSDPA : 7.2 Mbps (Download speed) : UMTS : 384 Kbps (DL/UL)
TX power	: <24dBm
RX sensitivity	: <-109dBm

Interface type

Ethernet	: 4 of 10/100 Mbps Ethernet port (RJ45), 1 * WAN : Auto MDI/MDIX, 1.5KV magnetic isolation protection
Serial	: 1 of RS232 (or RS485/RS422) port, 15KV ESD protection
Data bits	: 5, 6, 7, 8
Stop bits	: 1, 1.5 (optional), 2
Parity	: none, even, odd, (space, mark) (optional)
Baud rate	: 2400 to 115200 bps

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SYSTEM

Hardware and Software Watch Dog Timer
Support NTP and RTC
Support local and remote firmware upgrade, import and export configure file
Indicator : Power, System, Online, Link/ACT, Alarm, Signal Strength
Antenna : Dual, SMA Female, WIFI : 1, 50 ohm, lightning protection (optional)
SIM/UIM : Standard 3V/1.8V user card interface, 15KV ESD protection
Reset : Restore the router to its original factory default settings

WiFi Specs

IEEE802.11 b/g/n, 54Mbps for 11b/g & 150 Mbps for 11n
WEP, WPA, WPA2
Tx Power : 20dbm for 11n, 24 dbm for 11g & 26 db for 11b

Power supply

Standard Power : DC 12V/1.5A, Power range : DC 5 to 35V
Power : Standard 3-PIN power jack, reverse-voltage and overvoltage protection
Consumption : <350mA (12V)

Physical Characteristics

Housing : Iron
Ingress Protection : IP30
Dimensions : 206 x 135 x 28 mm
Weight : 790g

Environmental Limits

Operating Temperature : -35 to +75°C
Storage Temperature : -40 to +85°C
Operating Humidity : 95% non condensing

Ordering Code : GSF 4363 XXX

GSF 4363 : 3G Cellular Router with 1 WAN, 4 LAN, WiFi and Serial port
XXX : 232 or 485 for Serial port