M2M ROUTER

XEXAGON
beyond automation...

MONITORING INFOGRAPHIC 82%

NEW ERA IN SERVICE FIELD

Access your Device from your Office / Home

OVERVIEW

XEXAGON X-012 series Router is the internet of thing mobile broadband router and a machine to machine (M2M) industrial cellular router, which can optional works on LTE 4G or 3G cellular network to provide reliable, secure and high speed wireless connectivity with I/O and VPN supported. It is powerful and programmable industrial mobile router with high performance and harden casing design for remote management, telemetry, condition monitoring, CCTV, ATMs, vending machine and other M2M applications.

X-012 4G router is an ideal wireless data transfer device for applications transferring large data load because of ultimately fast transfer speed in LTE network reaching up to 150M download and up to 50M upload. VPN features also can be configured in WLINK router, allowing you to utilize virtual private network service through a 4G/3G wireless router and built for stresses and workload of a modern industrial or commercial environment.

With dual SIM function, X-012 series router could backup network between the two SIM cards to ensure continual connection. With optional GPS capability, enable the router ideal for fleet tracking or access management.

The X-012 with Ethernet capability, also come with two serial ports (RS232 and RS485 optional) and 3 I/O.

AVOID FIXED-LINE TROUBLE

RAPID DEVELOPMENT

COST EFFECTIVE

RETURN ON INVEST

FLEXIBLE PLACEMENT

SECURITY AND RELIABILITY

BENEFITS

FEATURES

» Industrial robust design and compact metal housing

» High data speed via LTE 4G or 3G network, 2.5G backword compatible

» Strong electromagnetic interference Resistance

» Heat endurance and radiation ability

» Built-in watch dog, Multi-link detection

» 802.11b/g/n Wi-Fi support, 150Mbps data rate

» 3 digital I/O (Input/Output)

» MIMO antenna for 4G

» WAN port support PPPoE, static IP, DHCP client.

» Failover/ Backup between WAN /Wi-Fi network

» Always online, reboot automatically if disconnected to ensure continual connection

» Support APN and VPDN wireless private network access in

» LCP/ICMP/flow/heartbeat check, ensure network usability

» Web/CLI/SSH/Management platform support, easy configure

» SNMP network management, NTP support

» Local & remote management (configuration, status, upgrade firmware)

» Supports DHCP Server

» Supports DNS proxy and Dynamic DNS (DDNS)

» Supports timing operation

» Supports LED status indication

» Shock and vibration resistant

» Industrial robust design and compact metal housing

» Optional Network Type includes LTE 4G, UMTS/WCDMA

» GPS capability for fleet management or other tracking application Optional

» DTU serial communication function optional

» Dual SIM available for fast switch and backup between two network optional

» Ultra security, VPN: PPTP, L2TP, GPE, IPSec, OpenVPN

» Schedule reboot optional

» Customized acceptable

ENERGY   Digital Oil Field, Coal Mine, Solar, Smart Grid

UTILITIES   Smart City, Traffic, Street lighting, Public Safety & Security, 4G Public hotspot, Environment monitoring, Video Surveillance

INDUSTRIAL   Remote Telemetry, Tanking Monitoring, Automation, Remote PLC, Remote AMR, Remote Monitoring and control

RETAIL   ATM, POS(Point-of-Sale), Vending Machine, Lottery Machine, Branch network, Digital Signage, Video Surveillance, failover between WAN&4G/3G

TRANSPTATION   Bus WiFi, WiFi on Board, Vehicle video surveillance, Fleet tracking and management, Bus Advertising

TYPICAL ARCHITECTURE

POS

ATM

VPN

LTE/3G

WiFi

PLC

GATEWAY

FIREWALL

BANKING DATABASE

WORK STATION

INTERNET

GATEWAY

DATA SERVER

M2M MANAGEMENT PLATFORM