

ROBUSTEL M1000 PRO V2

Industrial cellular modem for M2M applications



- The M1000Pro V2 provides remote access to industrial applications with serial interface via the GSM network. With a WIKON M2M GSM card in the M1000 Pro V2 a secure access to industrial applications can be established. The advantages that WIKON offers are the permanent available connection, the high transfer rate and the low volume plans.

- Via its secure connection it is possible to implement paket oriented data transmission and a remote monitoring service that doesn't require landline access.

- One of the advantages of GPRS and UMTS is that these offer connections, which are permanently available and which turn allow high transmission rates and low volume plans offered by WIKON.

With industrial applications remote data access is necessary in case of malfunction or maintenance: technicians can avoid long trips and the response time can be decreased significantly. Software related issues can be resolved in a quick, simple and reliable way.

Get in Touch

ROBUSTEL M1000 PRO V2

Industrial cellular modem for M2M applications

Features

- ◆ Dual SIM -> Redundancy for higher availability
- ◆ RS232/RS485 software selectable, one digital input and output can be added
- ◆ Automatic connection setup (no AT commands necessary), watchdog for connection monitoring
- ◆ Transparent TCP and UDP communication
- ◆ Virtual COM support (COM-Port forwarding)
- ◆ Modbus / RTU to Modbus / TCP protocol
- ◆ Remote configuration via SMS
- ◆ Serial interface RS232, RS485 optional
- ◆ 2G (3G optional)
- ◆ Quadband modem
- ◆ Mounting on wall or DIN rail
- ◆ Various possibilities for connection setup, for example always online, automatic disconnection after timeout, automatic connection at serial data, SMS, caller ID or time-controlled

Technical Data

- ◆ Cellular technology: 4G LTE, 3G UMTS/HSPA, 2G GPRS/EDGE
- ◆ 2 Ethernet Ports: 2 LANs oder 1 WAN / 1 LAN
- ◆ 1 RS232, 1 RS485, 2 DI, 2 DO, 1 USB Host
- ◆ Network protocols: PPP, PPPoE, TCP, UDP, DHCP, ICMP, NAT, DMZ, RIP, OSPF, DDNS, VRRP, HTTP, HTTPS
- ◆ VPN Tunnel: IPSec/OpenVPN/PPTP/L2TP Client/Server, GRE
- ◆ Online management, CLI, SNMP. Modbus/RTU to Modbus/TCP gateway
- ◆ Operating voltage: 9...36 VDC
- ◆ Temperature range: -25°C to +70°C
- ◆ Auto Reboot at parameterized (previously determined) hours

Add-Ons

- ◆ Firmware download via web interface
- ◆ Temperature range: -25°C - +70°C
- ◆ Wall or DIN Mount

ROBUSTEL M1000 PRO V2

Industrial cellular modem for M2M applications

M2M solutions

Mobile end devices, which are connected to the network, can normally not be reached over the internet. We give you a simple solution, tailored and individualized on our customer's needs. You get direct access to your applications via a (secure) VPN Connection, using our infrastructure.

Communicate at your discretion with your applications and machines, as if you were right there.

In simple application cases a setup of a VPN-connection is not required. Simply reach your devices via your personal area on the M2M web portal.

WIKON offers optional individual hardware to access your devices and machines.

Cost transparency

More and more companies focus on telemetric applications to reach machinery and installations via the cellular network. With the WIKON M2M-Portal you can comfortably monitor your mobile devices domestically and abroad, in real-time.

- Threshold definition for foreign and domestic profiles.
- Setup usergroups and volume profiles.
- Consumption overview of the respective data cards.

Your advantages

- A source for hardware, SIM Card and communication platform.
- Simple on-site installation of WIKON-devices.
- Contact for hardware, connectivity and support.
- Calculation of the optimal rate.
- SIM-card at attractive conditions and even in small amounts.
- Conventional plastic SIM or SIM-Chip available.
- Special M2M-rates (national and global)



Remoteservice

Control, monitoring, troubleshooting, service and data transmission of machines and sensors.



Localization

Real-time transmission of position data, identification and alarm on exit of exclusion zones.



eEnergy

Solutions for heating systems, smart grid, wind and photovoltaic systems.



Hardware

individual M2M hardware solutions, complete system with hardware and SIM card.



eLogistics:

3G real-time transmission of tank contents, route optimization, reservoir management with quick access via the app.



eMobility:

Charging stations management with parking reservation and billing, traffic monitoring.

Your have questions regarding our M2M-solutions?

M2M Solution Manager

+49 631 205 777 60
m2m@wikon.de
m2m.wikon.de

