

INDUSTRIAL ROUTER MODEM

M100

M100 is a cellular router modem specially developed for industrial SCADA applications. Having 5 Ethernet (4x LAN + 1x WAN) ports, the M100 supports 802.11n locally and 2G/3G/4G communication globally.



GENERAL

Operating Temperature	-20°C - +60°C
IP Class	IP40
Mounting	DIN Rail
Supply Voltage	15 – 36 Vdc
Dimensions	142 x 87 x 32 mm
Weight	350 gr.

INTERFACES

Ethernet	4 x LAN + 1 x WAN (Magnetic insulation protection)
Antenna	2x Cellular 2x WiFi 1x GPS
Supply	6-pin terminal
External Memory	SD card slot
USB	1 (Optional)

COMMUNICATIONS

CELLULAR

Standards	GSM/GPRS/EDGE/UMTS/HSPA
GPRS/EDGE	850/900/1800/1900 MHz
HSUPA	900/2100 veya 850/1900 MHz optional, DL/UL 7.2/5.76 Mbps
HSPA+	850/900/1900/2100, DL/UL 21/5.76 Mbps
Network Protocols	PPP, PPPoE, TCP, UDP, DHCP, ICMP, NAT, DMZ, DDNS, VRRP, HTTP, HTTPS, DNS, ARP, QoS, Telnet
Miscellaneous	Static IP, L2TP, APN, VPN, IPSEC, DDNS

WIFI

Nr. of Antennas	1
Connector	RP-SMA-K
Standards	802.11b/g/n
Frequency	2.4 Ghz
Security	WEP, WPA-PSK, WPA2-PSK

MISCELLANEOUS

Software	Local and remote manageable
Configuration	Web/CLI software installation
Interface	Connection over TCP or SSH
Synchronization	SNTP, NTP
GPS supported.	
Username and password of the interface connection can be changed.	
MODBUS TCP supported.	
Supports automatic reset when IP is not available.	

AREAS OF USE

Industrial Facilities
Transformer Substations
Electricity Transmission
Hydroelectric Plants
Photovoltaic Plants
Wind Power Plants
Water and Waste Facilities

