

Anytime, Anything, Anywhere, but always securely connected.

www.VITRIKO.com



- + For data applications
- + Ethernet, serial RS-232 and I/O for connecting a wide array of field assets with DIN rail or wall mounting
- + Low power consumption for solar and battery power applications
- + Exceptionally resilient wireless and wired connection
- + Enhanced memory to host custom software applications and a wide variety of protocols
- + Easy deployment, mass maintenance and troubleshooting with B+B SmartWorx remote management and monitoring tools
- + Loaded with advanced features to secure your data

SPECIFICATIONS

NETWORKING	
Network and Routing	DHCP Server, NAT/PAT, VRRP, Dynamic DNS client, DNS proxy, VLAN, QoS, DMVPN, NTP Client/ Server, IGMP, BGP, OSPF, RIP, SMTP, SMTPS, SNMP v1/ v2c/ v3, Backup Routers, PPP, PPPoE, SSL, Port Forwarding, Host Port Routing, Ethernet Bridging
Security	HTTPS, SSH, VPN tunnels, SFTP, DMZ, Firewall (IP Filtering, MAC address filtering, Inbound and outbound Port filtering)
VPN Tunnelling	Open VPN client and server and P2P, L2TP, PPTP, GRE, EasyVPN, IPsec with IKEv1 and IKEv2
Configuration	Web server, SSH, Four configuration switchable profiles, Automatic configuration update from server, Backup configuration, Restore configuration
Firmware Management	Automatic firmware update from server, Locally via LAN or remotely OTA (HTTP, HTTPS), Over-the-Air software updates, Over-the-Air cellular module update from FW
Diagnostic	One CLICK report - current configuration / factory identification / system log / kernel log / reboot log / routing table, Remote diagnostics possible via SSH
Status	Network Status, DHCP Status, IPsec Status, Statistics history for last 60days
Log	System Log, Reboot Log, Kernel Log
Controlling and Diagnostic	SMS, SNMP v1/v2c/v3, Statuses
Event Engine	StartUp script & Up/Down script (Bash, Python), Digital Input, Network Parameters, Data Usage, Timer, Power, Device Temperature. Report Types: SMS, email, SNMP Trap
Other	Support of IPv6

PORTS, LED, ANTENNAS	
Ethernet	RJ45, 10/100 Mbps, 1.5kV RMS
SIM NAM/EMEA	1/2 Mini SIMs (2FF)
LED indicators	PWR, DAT, WAN, ETH
2x ANT	SMA connectors
WiFi antenna - *optional	R-SMA connector
RS232	DB9 Female
I/O	1x Digital Input On Voltage: 2.7V to 36VDC (4-Way Molex moni-fit connector)

MECHANICAL	
Plastic case with metal DIN rail	Plastic
Enclosure Dimensions	87x30x127mm (150mm including wall month sides)
Weight	187 g

SUPPORT AND WARRANTY
Limited lifetime warranty, Free device software upgrades.

CELLULAR MODULE PARAMETERS		
	SL304 Cat. 4 - EMEA & LATAM	SL302 Cat. 1 - NAM - AT&T, Verizon
LTE parameters	Bit rate 150 Mbps (DL) / 50 Mbps (UL) LTE FDD Cat.4, 3GPP release 9 compliant Supported frequencies: 800 / 900 / 1800 / 2100 / 2600 MHz	Bit rate 10 Mbps (DL) / 5 Mbps (UL) LTE FDD Cat.1, 3GPP release 9 compliant Supported bandwidths: 5 Mhz, 10 Mhz, 20 Mhz Supported frequencies: Supported frequencies: 700 MHz (Bd12/Bd13), 850 MHz (Bd5), AWS 1700 MHz (Bd4), 1900 MHz (Bd2)
WCDMA	Bit rate 42.0 Mbps (DL) / 5.76 Mbps (UL) Supported frequencies: 900 / 2100 MHz	Bit rate 42.0 Mbps (DL) / 5.76 Mbps (UL) Supported frequencies: 850 / 1900 MHz
GPRS/EDGE parameters	Bit rate 236 kbps (DL) / 236 kbps (UL) Supported frequencies: 900 / 1800 MHz	-

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SPECIFICATIONS - CONTINUED

POWER, CONSUMPTION, ENVIRONMENTAL, IP COVER	
Power Supply	9–36VDC (4-Way Molex moni-fit connector)
Power Consumption with WiFi - Average/Peak/Sleep Mode	2,7 / 5.5 W / 40 mW
Power Consumption without WiFi - Idle/Average/Peak/Sleep Mode	2,1 / 4.8 W / 40 mW
Current with WiFi	0.65 A Max
Current without WiFi	0.55 A Max
Temperature Range with WiFi – Operating / Storage	-25 to +55 °C / -40 to +85 °C
Temperature Range without WiFi – Operating / Storage	-40 to +75 °C / -40 to +85 °C
Humidity – Operating / Storage (noncondensing)	0 to 95 % / 0 to 95 %
Cold Start	-40 °C
Operating Altitude	2000 m / 70 kPa
Enclosure Rating	IP30

