



Product Datasheet

Part Code: WIMS-Lite-3G/WLAN-R

WIMS Lite Pro

Key Features

- 4 X LANs, 1 X WAN, 1 X RS485, 1 X RS232
- 4G to WIFI facilitate equipment rapid access and local configuration
- WAN can act as LAN
- Max 32Gstorage
- Multiple hardware and software technology guarantee connection "permanent online"
- VPN special network and other multiple security mechanisms
- 4G/3G/2.5G network with carrier approval
- Industrial grade design, high and low temperature (-35-75 C), wide voltage(5-35V)
- Durable self locking card slot
- Linux secondary development
- Configuration parameters can be saved, support parameter backup and import
- Equipment management platform, centralized monitoring, configuration, upgrading, diagnosis of a large number of distributed routers
- GPS positioning function (optional)



Specifications

Item	Content	Standard	Description
Interface	Serial port	x2	Serial form: 5 PIN3.5mm tenminal Serial type: RS232/RS485 Baud rate: 1200,-,115200 bps Data format: 8 x data bits, 1 x stop bit, none/odd/even parity, no flow control
	Ethernet	4 X LANs	10/100 RJ45 port
		1xWAN	10/100 RJ45 port, can act as LAN
	Wifi	Standard	IEEE802.11b/a/n
		Bandwidth	IEEE802.11b/g:54Mbps (max) IEEE802.11n: 300Mbps (max)
		Security	WEP, WPA, WPA2, etc
		TXpower	21.5dBm 11g 26dBm 11b
		RX sensitivity	<-n dBm@54Mbps
	SIM/UIM	X 1	Drawer type holder, standard 1.8V/3V SIM/UIM, 1 SKV ESD protection
	Antenna interface	X1	standard SMA female interface, 50 ohms
	LED Indicators	X 13	System, Power, Online, WIFI, LAN, WAN, Alarm, Signal (3 x LEDs)
Power Supply	Standard	DC 12V/1.5A	Reverse-voltage and overvoltage protection



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WIMS Lite 4G / WLAN Pro

Specifications

Item	Content	Standard	Description
Power Supply	Voltage	DC 5V -- 35V	
	Current	(33 0mA (12V)	
Power Consumption	Communication	<3.96W	< 330mA@12VDC; <792mA@SVDC
	Standby	< 2.52W	< 210mA@12VDC; <504mA@SVDC
	Sleep	< 0.42W	<2mA@12VDC; <4.8mA@SVDC
System	CPU	Industrial 32-bit CPU	Industrial grade
	FLASH	16MB	Extendable to 64MB
	SORAIL	128111	Extendable to 256MB
Security	Link detection	PPP layer heartbeat, ICMP detection, TCP keepalive and application layer heartbeat and other multi-level link detection mechanisms, and support dropout reconnection	
	watchdog	Self-diagnostic, auto-recover from failure	
Network Management	Auto dialling	Auto dialling when powered	
	On-demand dialling	Activate by data/SMS, scheduled online/offline	
	Configuration	M2M equipment cloud platform, remote configuration	
	Upgrade	Serial port or remote upgrade	
	Log	Local or remote log	
	Management	M2M equipment cloud platform	
	Configure backup	Configure file import and export	
IP grade	IP30	Metal housing	
Environment	Working	-35 - +75 ° C	
	storage	-40 - +80 ° C	
	Humidity	95% (unfreezing)	
Physical Features	Installation	DIN rail, wall mounted	
	Dimensions	168x104X27mm (excluding antenna and mounting)	
	Weight	790g	

Part Codes

Automotive Model	WIMS-Lite-4G/WLAN-Pro
People counting Model	VBPC-H1-Router-2