

WLAN-100 / ETH-100

WLAN / LAN add-on module for the RTCU X32

The WLAN-100 / ETH-100 add-on module for RTCU X32 units allows connection to the RTCU Gateway Professional or to any TCP/IP enabled device through either a standard LAN or through an increasing number of Wi-Fi hot-spots globally available. Using (W)LAN in many cases means that large amount of data can be transferred for FREE or at a very low cost. The WLAN-100 / ETH-100 supplement GPRS and both communication methods can be used selectable under full control of the VPL application.



ETH-100

The WLAN-100 / ETH-100 products extend the RTCU X32 units with capability to establish a connection via wireless LAN or cable LAN to the RTCU GPRS Gateway or alternatively to any device reachable using a standard TCP/IP socket.

New applications which incorporates either WLAN-100 or ETH-100 can reduce the costs of communication considerable, or in many cases to nothing!.

The WLAN-100 / ETH-100 products will suit perfect in applications such as:

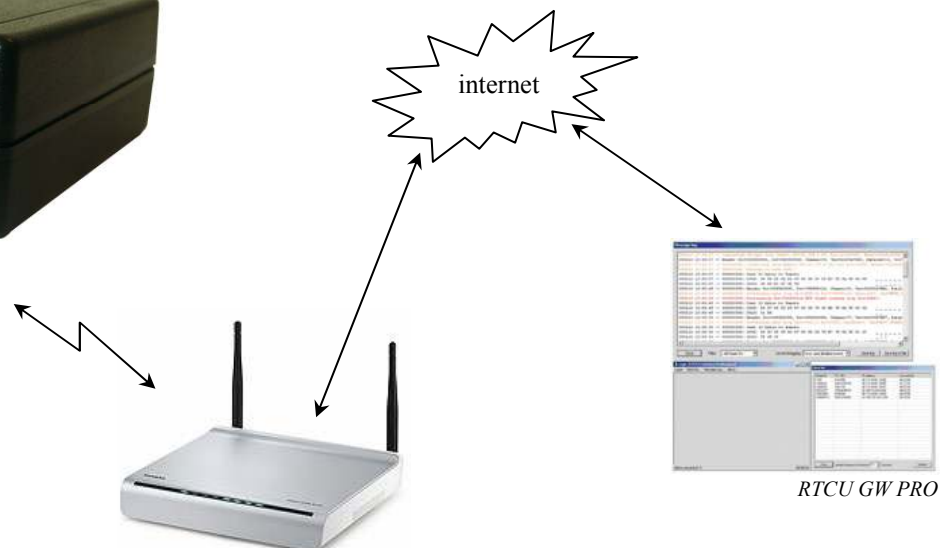
- Factory automation and control
- HVAC applications
- SCADA application
- Remote measuring, monitoring and control
- Security and alarm systems
- Vending and Ticketing
- General M2M applications.

The actual application for controlling the WLAN-100 or ETH-100 is implemented in the RTCU unit using easy-to-use high-level VPL functions.

Installing the modules on-site is easily done as it comes with interface and Ethernet cable or Antenna.



WLAN-100



RTCU GW PRO

WLAN-100 / ETH-100

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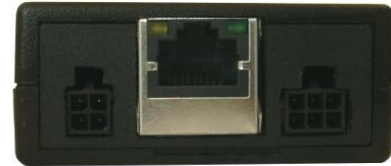
Key Features:

- Easy installation.
- Link / activity LED indicators.
- High-level VPL library.
- Increased bandwidth compared to GPRS
- Decreased communication cost.
- Connects to the RTCU MX2/DX4/AX9



WLAN-100

- Standard: IEEE 802.11b
- Frequency: 2.4GHz
- Data Rate: Up to 11Mbps
- TX Power: 16dBm (typical)
- RX Sensitivity:
 - 1Mbps: -92dBm
 - 2 Mbps: -89dBm
 - 5.5 Mbps: -87dBm
 - 11 Mbps: -82dBm
- Security: WEP, WPA, WPA2, 802.11i
- Connector: SMA
- Web-based configuration supported



ETH-100

- Standard: IEEE 802.3
- Physical: 10/100Base-T
- Data Rate: 10/100Mbps
- Mode: Half and full duplex
- Connector: RJ-45
- Web-based configuration supported

Technical Data

Power supply	Min	Typ	Max		
Operating Voltage	8	-	36	VDC	Protected against wrong polarity.
WLAN-100					
Unit OFF		< 1		mA	<i>All measurements @ 12 VDC Supply.</i>
Unit Active, No Link		90		mA	
Unit Active, Link established		120	150	mA	
ETH-100					
Unit OFF		< 1		mA	
Unit Active, No Link		75		mA	
Unit Active Link established		85	110	mA	
Storage temperature	-40	-	+90	°C	External interfaces: <ul style="list-style-type: none">• TYCO 'Mate'n'Lock' connector for power• Interface to RTCU MX2/DX4 or AX9.• SMA-Female connector for WLAN antenna• RJ-45 connector for LAN. All interfaces are externally accessible.
Operating temperature	-25	-	+60	°C	
Weight	60 (WLAN-100) 50 (ETH-100)			g	
External dimensions	W 61 x H 26 x D 57 mm			without SMA	

For more information:

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