

## PRO-32w Router for Professional use

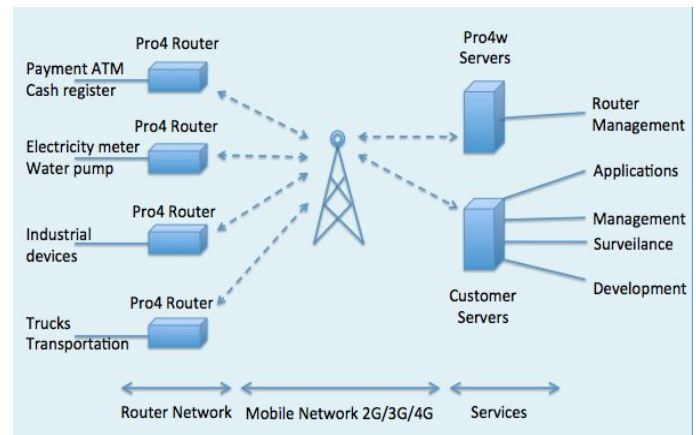
Compact 3G-router for demanding industrial M2M applications

PRO-32w router is targeted to professional applications and it uses the latest 3G HSPA+ technologies. The router is built into a strong industrial aluminum housing. The setup includes a standard antenna and external power supply. It is possible to order an optional external antenna and power solutions or outdoor router casing for different customer needs. The design and manufacturing of the router is done in Finland.

The router functionality is based on Open-WRT operating system, which has all the necessary features for routing, network monitoring, security (watchdog, firewall, VPN server) and remote management.

PRO-32w router can be used in various industrial data collection, control, and surveillance applications. Possible service scenarios are for example:

- Surveillance of electricity, water pump or district heating networks
- Data connection for payment ATM's or cash registers
- Management of industrial processes
- Applications for public transport and trucking



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## Specifications

PRO-32w router has an industrial design, which can be seen in the housing, connectors and software features.

PRO-32w	Standard features
<b>Housing and weight</b>	Industrial aluminum casing (IP20) Dimensions 124 * 103 * 34 mm, 300gr
<b>Wide area network technology (WAN)</b>	2G / 3G (HSPA+)
<b>3G Frequency band</b>	14,4 Mbit/s UL and 5,76 Mbit/s DL
<b>Local area network technology (LAN / WLAN)</b>	900 / 2100 MHz
<b>Power</b>	LAN: 2 LAN ports (RJ45,10/100M)
<b>Temperature range</b>	Wi-Fi: 802.11b/g/n
<b>Humidity range</b>	5 – 24V DC
<b>Antenna connectors</b>	-20 ~ 70°C (operating)
<b>Status indicators</b>	5%~98% non-condensing
<b>Reset</b>	SMA female connectors
	3 LED lights
	1 reset button

## Accessories and services

There is a set of optional accessories and services for the PRO-32w router, which enhance the number of potential use cases and applications.

	Options
<b>Outdoor antenna</b>	Small outdoor antenna with 1,7dBi gain Magnetic mounting
<b>Mast antenna</b>	Directional outdoor antenna with 9,5/11 dBi gain Mast mounting
<b>Outdoor casing *)</b>	IP67 class casing
<b>Protected power</b>	Power with 8 kV protection
<b>Network Management Service</b>	

\*) Possible for orders 1000 units or more

## Additional information

Please contact Pro4 Wireless sales to get more information about M2M solutions and products.



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