

Industrial Wireless Ethernet Modems

High bandwidth modems offer long range capabilities & greater throughput

Easy Configuration with Plug & Play Capability

Based on the 802.11 a/b/g standard can easily be integrated into existing systems & configured using embedded software

3 Frequency Ranges to Ensure Reliable Communication

900Mhz DSSS for long distance
2.4Ghz for greater throughput
5.8Ghz for highly saturated environments

Multifunction Capabilities

Easily configured as

- Access Point / Client
- Bridge / Router

Meshing

WDS Meshing and Redundant Functionality with RTSP

Gateway Functionality


Can be used for conversion for Modbus TCP to Modbus RTU/ Modbus Master for I/O transfer



Let's connect
www.weidmuller.com

Weidmüller

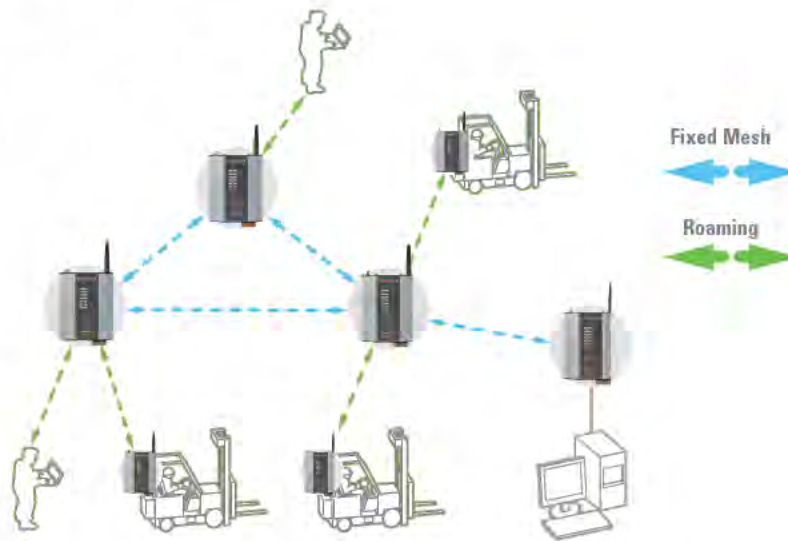
Competitive Comparisons

	Weidmüller  WI-MOD	Phoenix RAD Series	Hirschmann BAT54-Rail	Ntron 702 W Series	MDS iNET II
Wireless compliance	802.11 a/b/g	802.11 a/b/g	802.11 a/b/g	802.11 a/b/g	802.11
Data Rate:					
900Mhz	54Mbps	1Mbps	NA	NA	1Mbps
2.4 / 5.8Ghz	Up to 108Mbps	54Mbps	54Mbps	54Mbps	NA
Gateway Compatibility	Yes	Yes with XD-BUS Version	No	No	Yes
On Board Diagnostics	Yes	No	No	Yes	Yes with NETview
AP / Client Configuration	Yes	Yes	Yes	Yes	Yes
Integrated DI/DO	Yes	No	No	No	No

Typical Application

Customer Requirements:

- High throughput
- Security
- Maintenance connectivity
- Mesh
- Roaming vehicles



Product Types

Type	Description	Power	Max. Data Rate	Part Number
WI-MOD-945-E	900Mhz DSSS Ethernet Modem; 802.11 g	15 - 630mW	54Mbps	6720005015
WI-MOD-E-G	2.4Ghz DSSS Ethernet Modem; 802.11 b/g	15 - 400mW	Up to 108Mbps	6720005054
WI-MOD-E-A	5.8Ghz DSSS Ethernet Modem; 802.11 a	15 - 400mW	Up to 108Mbps	6720005057

Information

Information is available for download on the web at www.weidmuller.com. Printed catalog versions are also available and can be ordered online.

Ref. No.	Description
1276170000	Wireless Connectivity Solutions

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