Ethernet-Air-Pack

Ready-to-use point-to-point wireless Ethernet bridge

- Between two equipments or two networks

- Nothing to configure

- 5 GHz IEEE 802.11a WiFi band (108 Mbps)

- Secured radio link with pre-configured WPA2

- 10/100 Base TX RJ45 auto-sensing network interface

- AC/DC block adapters supplied

Introduction

Ethernet-Air-Pack is a ready-to-use solution designed to replace any Ethernet cable between equipments (PC, IP video, printers ...), to replace the network cable between the RJ45-wall outlet and the computer or even to establish a wireless bridge between two independent Ethernet networks (between two buildings, two PLC's networks ...).

The kit is built around two pre-configured WiFi units already associated, installation doesn't require any configuration.

Ethernet-Air-Pack relies on the WiFi 5 GHz standard (IEEE 802.11a) which is not widely used by WiFi equipments. This offers a good level of protection against perturbations generated by existing WiFi networks; you can install as many Ethernet Air-Pack as cables to be replaced.

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Technical characteristics overview

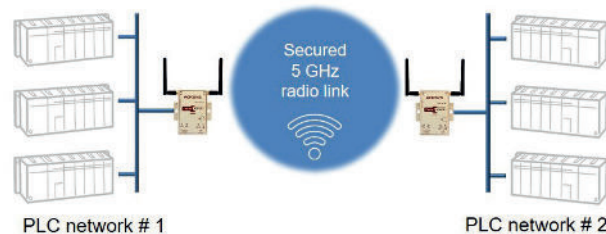|	
Ethernet Link	10/100 Base TX Ethernet interface, RJ45 connector
Radio Link	Compliant with WiFi IEEE 802.11a, data rate up to 108 Mbps
Power, sensitivity	Transmitter +20 dBm, Receiver −92 dBm, one 5 GHz 2 dBi antenna
Signaling	LAN & WLAN activity on LEDs
Administration	SNMP and ACKSYS NDM
Power supply	+9VDC to +48VDC power source, PHOENIX connector, 3.5 Watts typical, 5 Watts maximum
Dimensions & weight	Small sized enclosure L: 103 x W: 67 x H: 23 mm, weight 225 g
Environment	Operating temperature: 0°C to +70°C, storage: -40°C to +80°C Humidity: 5% to 95% (non-condensing)

Application examples :

RJ45 Ethernet cable replacement between two equipments

Secured 5 GHz radio link

Office network cable replacement

Secured 5 GHz radio link

Interconnection between two Ethernet networks

Secured 5 GHz radio link

PLC network # 1   PLC network # 2

Ordering references

Ethernet-Air-Pack	Ready-to-use Point-to-Point wireless Ethernet bridge kit including two independent radio units with 2 dBi antennas, two +12VDC power supplies and two RJ45 cross Ethernet cables (1 meter)

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