

# 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.

## Technical characteristics overview

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

### RJ45 Ethernet cable replacement between two equipments

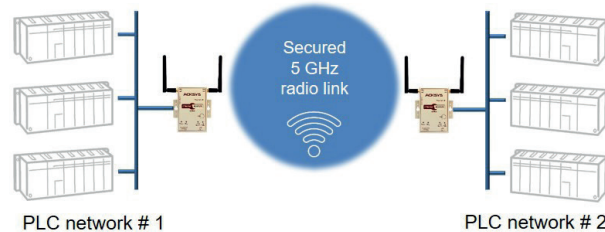


### Office network cable replacement



### Application examples :

### Interconnection between two Ethernet networks



## 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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