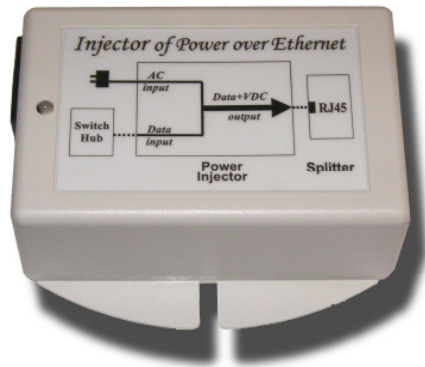# ACC-POL-I-1

Remote Centralized Power Distribution

Funkwerk ACC-POL-I-1 is a Power over Ethernet Injector enabling a unified supply of data and power through a standard ethernet cable. Power supply to each remote WLAN AP can be centralized in a place powered by an UPS. AP power recycle could be easily done remotely.

Smart and Secured

Using LAN cable to supply power is cost saving, but it is also critical in guaranteeing safety. ACC-POL-I-1 gives power only to recognized 802.2af end devices by an auto-sensing algorithm. It shuts down power when the LAN cable is shorted or overloaded. With auto-sensing and shortage protection, ACC-POL-I-1 is actually delivering a highly reliable POE solution.

PRODUCT HIGHLIGHTS

- IEEE 802.3af compliant
- Cost saving, no power cabling for WLAN APs
- Remote power feeding up to 100 meters
- Centralized power distribution
- Load current over 450mA will lead to Auto-Reset
- Advanced auto-sensing algorithm enables injection only to 802.3af compliant devices
- High safety with short circuit protection
- Output DC voltage over 52V will lead to Auto-Reset

Features:

Interfaces	
LAN Port In	RJ-45 LAN for data in
LAN Port Out	RJ-45 for power & data out
Power Inlet	Universal central european AC input (not for UK)
LED	Red: AC power, Green: channel powered Red: channel alarm
POWER SPECIFICATION	
Input	AC 90V – AC 264V / 0.4A @ 110 Vac, 0.2A @ 220 Vac
Output	DC 48V, 350mA
Efficiency	70% at full load, DC +48 input
Short circuit protection	Auto-recover in case of short circuit
ENVIRONMENT SPECIFICATION	
Dimensions	85x76x36mm (LxWXH)
Weight	150g
Temperature	0°C to 60°C (operating); -20°C to 70°C (storage)
Humidity	90% Non-condensing
Standards/Certification	802.3af, FCC, CE
PACKAGE CONTENT	
	One power over ethernet injector One power cord One installation guide