EXAMPLE NETWORKS
Industrial Networking Solutions · Industrial-grade product documentation

TECHNICAL DATASHEET

PoE Repeaters Datasheet

PRODUCT CATEGORY · OTHERS

Document	Revision	Issued	Status
EN-DS-AC-017	Rev. 1.2	2026-01	Released

Overview

PoE extension repeater documentation. The PoE Repeaters is engineered for continuous operation in industrial and enterprise network environments, combining ruggedised hardware with the switching and optical performance required for factory-floor, utility, transportation and building-automation deployments.

Key Specifications

Product Family	Wireless devices, PoE repeaters and industrial power adapters
Wireless	IEEE 802.11 a/b/g/n/ac, 2.4/5 GHz dual band, WPA2/WPA3 enterprise
PoE Repeater	Extends PoE/PoE+ runs by a further 100 m, up to 4 cascaded units
Power Adapter	12/24/48 VDC output, 30–240 W, wide-input 100–240 VAC
Protection	Short-circuit, over-voltage and over-temperature protection
Mounting	DIN-rail, wall and rack accessories included with each unit
Operating Temperature	-20 °C to +70 °C (industrial variants -40 °C to +75 °C)
MTBF	≥ 300,000 hours

Compliance & Environmental

- CE, FCC Part 15 Class A, RoHS and REACH compliant
- Designed and manufactured under an ISO 9001 certified quality system
- Each unit is factory burn-in tested and individually serialised
- 5-year limited warranty with advanced replacement for registered partners

Ordering Information

All models in this series are available through our authorised distribution network. Specify the exact port configuration, fibre type and operating-temperature grade when ordering. Contact datasheets@example.com · +86-10-5555-0100 for volume pricing, samples and custom OEM/ODM options. Specifications are subject to change without notice; the latest revision always supersedes prior issues.