

TECHNICAL DATASHEET

Smart PoE Switches Series Datasheet

PRODUCT CATEGORY · COMMERCIAL SWITCHES

Document EN-DS-CS-006	Revision Rev. 1.2	Issued 2026-01	Status Released
--------------------------	----------------------	-------------------	--------------------

Overview

Web-managed PoE switch features. The Smart PoE Switches Series 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

Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.1Q, 802.1p
Port Configuration	5–28 ports, Gigabit Ethernet with uplink SFP cages
Switching Capacity	Up to 56 Gbps, non-blocking, jumbo frame 9 KB
Management	Web GUI, SNMP v1/v2c/v3, VLAN, QoS, port mirroring, loop detection
Mounting	Rack-mount 19" 1U / desktop, internal power supply
Power Input	100–240 VAC 50/60 Hz, PoE models 54 VDC budget
Operating Temperature	0 °C to +50 °C, smart fan with speed control
Reliability	6 kV port surge protection, 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.