TWO ISOLATED 5-PORT GIGABIT SWITCHES IN 1U

2×5 GIGABIT RACK SWITCH

Two fully isolated 5-port networks — A and B — in a single rack unit. Lighting and data never meet.



Two complete, electrically separate five-port gigabit switches on one 19-inch rack panel. Network A and Network B share nothing but the chassis — no internal link, no VLAN tricks to misconfigure — so you can run lighting on one side and audio, video or comms on the other with zero crosstalk. Each network has PoE in on port 1 and PoE out on port 5, and both run with Energy Efficient Ethernet disabled for clean sACN and Art-Net.

`2 × 5 ports` `Isolated A/B` `1U rack` `PoE in/out`

FEATURES

- Two fully isolated 5-port gigabit networks (A and B) — no internal connection
- 10 × locking etherCON-style connectors on a 19" 1U panel
- Per network: port 1 PoE IN, port 5 PoE OUT (IEEE 802.3af)
- True unmanaged operation — no login, no menus, no firmware maintenance
- Energy Efficient Ethernet (IEEE 802.3az) disabled by design — no Green Ethernet interference with sACN / Art-Net
- Non-blocking switching fabric — wire-speed forwarding on all ports simultaneously
- Jumbo frames up to 9,216 bytes forwarded at wire speed
- IEEE 802.1w Rapid Spanning Tree and 802.1s Multiple Spanning Tree (up to 16 instances)
- Hardware IGMP v1/v2/v3 and MLD v1/v2 snooping with Fast Leave
- QoS with per-port input bandwidth control and traffic classification
- IEEE 802.3x flow control (full duplex) with backpressure (half duplex)
- Full duplex 10/100/1000M on every port (half duplex in 10/100M)

SPECIFICATIONS

PORTS	2 × 5 × RJ45 (etherCON-style locking), 10/100/1000M
ISOLATION	Networks A and B fully independent — no internal link
SWITCHING	Per network: non-blocking wire-speed fabric, 2K MAC table, 128 KB packet buffer
ENERGY EFFICIENT ETHERNET	Disabled by design (sACN / Art-Net compatibility)
POE	Per network: port 1 in, port 5 out — IEEE 802.3af
JUMBO FRAMES	9,216 bytes at wire speed
POWER	90–240 V AC 50/60 Hz (Neutrik PowerCon) or PoE via port 1
FORM FACTOR	19" rack, 1U, 200 mm deep

IN THE BOX

- SKT 2×5 gigabit rack switch
- PowerCon feeder cord

ENERGY EFFICIENT ETHERNET — DISABLED BY DESIGN

IEEE 802.3az (EEE / "Green Ethernet") places links in low-power idle between packets. The wake-up transitions disrupt continuous, time-critical streams such as sACN (E1.31) and Art-Net. All SKT switches ship with EEE permanently disabled at the switch core: links stay awake and frames stay on time.