PRODUCT DATA SHEET

NETLINK | NETWORK CONNECTIVITY

Xcell NetLink Gigabit Ethernet Switch 2G2E Series Fiber Switch

The Xcell Gigabit 2G2E is an Ethernet Fiber Switch which is specially designed for network monitoring.

- 2×10/100/1000Mbps Ethernet ports + 2×1.25Gbps SFP fiber ports.
- Long-distance transmission: 100m–120km.
- Plug-and-play: No configuration needed.

Stable & low power: Marvell chip + heat sink.

- Secure & reliable: Isolation protection, IEEE 802.1d Spanning Tree, QoS support.



MAIN SPECIFICATIONS

Range of products	NetLink
Product / component type	Media Converter

FEATURES

- Auto-negotiation, MDI/MDIX, full/half-duplex support
- Per-port LED indicators
- Supports single mode (single/dual fiber), multimode, SFP modules
- IEEE 802.3x flow/back-pressure control
- High-performance QoS per port
- 5–12V input, low power consumption, heat-sink design

TECHNICAL SPECIFICATIONS

Standards	IEEE 802.3/3u/3z, 802.3x Flow Control, 802.1p QoS, 802.1d Spanning Tree
Ethernet Ports	2×RJ45, 10/100/1000 Mbps, 100m (CAT5e/6)
Fiber Ports	2×1.25Gbps SFP, 550m–120km, SC/FC/ST/SFP
Switching	Store & forward, MAC 4K/6K/8K, Jumbo frame 1518B, Latency <150µs
Power	5–12V, AC100–240V, 2.2–3.5W
Environment	Temp: -10°C–55°C, Storage: -40°C–70°C, Humidity 5–90%
Dimensions & Weight	215×107×26 mm, 0.15 kg
Reliability	MTBF: 100,000h

WARRANTY

Warranty	1 Year