

Artikelnr.: 385600

## EDR-8010-2GSFP - 8 FE Kupfer- und 2 GbE SFP-Multiport-Router für industrielle Sicherheit

ab **917,34 EUR**

Artikelnr.: 385600  
Versandgewicht: 0.40 kg  
Hersteller: MOXA



### Produktbeschreibung

Die industriellen Sicherheitsrouter der EDR-Serie von Moxa schützen die Steuerungsnetzwerke kritischer Anlagen und gewährleisten gleichzeitig eine schnelle Datenübertragung. Sie wurden speziell für Automatisierungsnetzwerke entwickelt und sind integrierte Cybersicherheitslösungen, die eine industrielle Firewall, VPN, Router und L2-Switching-Funktionen in einem einzigen Produkt vereinen, das die Integrität von Fernzugriffen und kritischen Geräten schützt. 8 FE Kupfer und 2 GbE SFP Multiport Industrial Secure Router mit Firewall/NAT, 12/24/48 VDC Eingangsspannung, -10 bis 60°C Betriebstemperatur/ Input/Output Interface- Alarm Contact Channels Resistive load: 1 A @ 24 VDC- Buttons Reset button- Digital Input Channels +13 to +30 V for state 1-30 to +3 V for state 0 Max. input current: 8 mA Ethernet Interface- 10/100BaseT(X) Ports (RJ45 connector) 8- 1000BaseSFP Slots 2- Standards IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) IEEE 802.3z for 1000BaseSX/LX/LHX/ZX IEEE 802.3x for flow control IEEE 802.1Q for VLAN Tagging IEEE 802.1X for authentication Static Port Trunk- DMZ User-configurable DMZ ports Ethernet Software Features- Broadcast Forwarding IP directed broadcast, broadcast forwarding- Management Back Pressure Flow Control DDNS DHCP Server/Client Web Console (HTTP/HTTPS) LLDP QoS/CoS/ToS SNMP v1/v2c/v3 Telnet TFTP HTTP SSH- Redundancy Protocols RSTP STP Turbo Ring v2 Turbo Chain- Routing Throughput Max. 50K packets per second / 500 Mbps (based on RFC 2544)- Routing Table Max. 4K routing rules- Concurrent Connections Max. 120K (based on RFC 3511)- Connections Per Second Max. Max. 6K (based on RFC 3511)- Routing Redundancy VRRP- Security Secure Boot IPsec L2TP (server) RADIUS Trust access control TACACS+- Time Management NTP Server/Client SNTP- Unicast Routing OSPF RIP V1/V2 Static Route- Multicast Routing Static Route- Filter IGMP v1/v2/v3 Switch Properties- VLAN ID Range VID 1 to 4094- IGMP Groups 256- Max. No. of VLANs 16 LED Interface- LED Indicators PWR1, PWR2, STATE, MSTR/H.TC, CPLR/T.TC, VRRP/HA, VPN, USB DoS and DDos Protection- Technology ARP-Flood FIN Scan ICMP Flood TCP Sessions Without SYN NMAP-ID Scan NMAP-Xmas Scan Null Scan SYN/FIN Scan SYN/RST Scan SYN-Flood Xmas Scan Firewall- Filter DDos Ethernet protocols ICMP IP address MAC address Ports- Stateful Inspection Router firewall Transparent (bridge) firewall- Deep Packet Inspection Modbus TCP Modbus UDP DNP3 IEC 60870-5-104 IEC 61850 MMSEtherNet/IP Omron FINSSiemens S7 Comm. Additional protocols will be supported through future firmware updates.- Intrusion Prevention System Requires an additional license.- Throughput Firewall: Max. 50K packets per second / 500 Mbps (based on RFC 2544) IPsec VPN- Authentication MD5 and SHA (SHA-256) RSA (key size: 1024-bit, 2048-bit) X.509 v3 certificate- Concurrent VPN Tunnels Max. 50 IPsec VPN tunnels- Encryption DES3 DES AES-128 AES-192 AES-256- Protocols IPsec L2TP (server) PPTP (client)- Throughput Conditions: AES-256, SHA-256 Max. 25K packets per second / 200 Mbps (based on RFC 2544) NAT- Features 1-to-1N-to-1Port forwarding NAT loopback Real-Time Firewall / VPN Event Log- Event Type Firewall event VPN event- Media Local storage SNMP Trap Syslog server Serial Interface- Console Port RS-232 (Tx, Rx, GND), 3-pin (115200, n, 8, 1)- Connector USB Type-C Power Parameters- Connection Removable terminal block- Operating Voltage 9.6 to 60 VDC- Input Voltage 12/24/48 VDC, redundant dual inputs (DNP-certified for 24 VDC)- Input Current 0.53 A @ 12 VDC 0.26 A @ 24 VDC 0.14 A @ 48 VDC- Reverse Polarity Protection Supported Physical Characteristics- Housing Metal- Dimensions 45 x 135 x 105 mm (1.77 x 5.31 x 4.13 in)- Weight 520 g (1.15 lb)- Installation DIN-rail mounting (DNP-certified) Wall mounting (with optional kit) Environmental Limits- Operating Temperature -10 to 60°C (14 to 140°F)- Storage Temperature (package included) -40 to 85°C (-40 to 185°F)- Ambient Relative Humidity 5 to 95% (non-condensing) Standards and Certifications- Safety IEC 62368-1 UL 62368-1 EMC EN 55032/35- EMI CISPR 32, FCC Part 15B Class A- EMS IEC 61000-4-2 ESD: Contact: 8 kV; Air: 15 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 20 V/m IEC 61000-4-4 EFT: Power: 4 kV; Signal: 4 kV IEC 61000-4-5 Surge: Power: 2 kV; Signal: 4 kV IEC 61000-4-6 CS: 10 V IEC 61000-4-8 PFMF- Railway EN 50121-4- Traffic Control NEMA TS2- Maritime IEC 60945 DNV- Shock IEC 60068-2-27- Freefall IEC 60068-2-32- Vibration IEC 60068-2-6- Power Substation IEC 61850-3 Edition 2.0 IEC 1613- Hazardous Locations ATEX Class I Division 2 IEC Ex MTBF- Time 1,347,225 hrs- Standards Telcordia (Bellcore), GB

### Technische Daten

Hier gehts zum Artikel  
Alle Informationen,  
tagesaktuelle Preise und  
Verfügbarkeiten

