

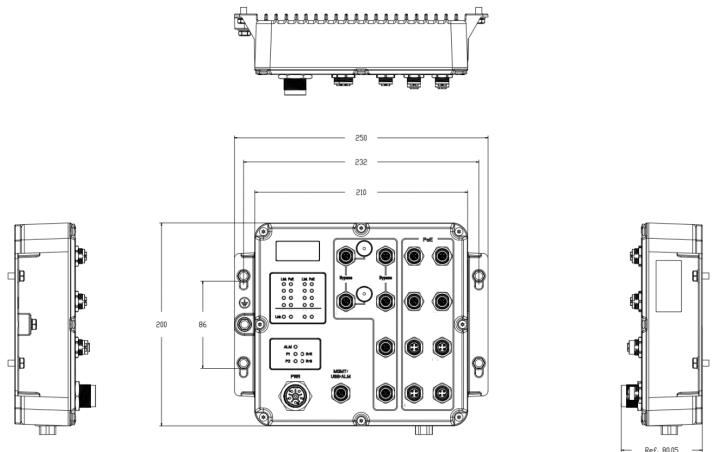
Adsw3904



FEATURES

- ギガビット対応 M12 Xコードカッパーポート×6
(デュアルペアバイパス機能付き)
- ギガビット対応 M12 Xコードカッパーポート×4、
およびファストイーサネット対応 M12 Dコードカッパー
ポート×4 (IEEE 802.3af/at 準拠 PoE PSE機能搭載)
- 10K ジャンボフレーム対応
- IGMP v1/v2、プロキシ、スヌーピング対応の
マルチキャスト機能
- 24～110 VDC の絶縁電源入力対応
- 鉄道向け規格 IEC 61375-3-4 / IEC 61375-2-3 認証済

外形寸法図



Adsw3904

Specifications

EN 50155 L3 Managed 14 ports
Industrial M12 PoE Ethernet Switch

仕様



ETHERNET	Operating mode	Store and forward, L2 wire-speed/non-blocking switching engine
	MAC addresses	16K
	Jumbo frames	10K Bytes
COPPER INTERFACE	Ethernet	M12, D-coded, Female; M12 X-code, Female
	MDI/MDIX Auto-crossover	Support straight or cross wired cables
	Auto-negotiating	10/100 or 10/100/1000 Mbps speed auto-negotiation; Full and half duplex
NETWORK REDUNDANCY	Fast failover protection rings	Link loss recovery < 20ms
	Spanning Tree Protocol	IEEE 802.1D STP, IEEE 802.1w RSTP, IEEE 802.1s MSTP
	Port Trunk with LACP	Static trunk or Dynamic via IEEE 802.1AX/802.3ad LACP (Link Aggregation Control Protocol) Max 4 Trunk Groups
BRIDGE, VLANs & PROTOCOLS	Flow control	IEEE 802.3x (Full Duplex) and Back-Pressure (Half Duplex)
	Max VLANs	2048
	VLAN Types	Port-based VLANs IEEE 802.1Q tag-based VLANs IEEE 802.1ad Double Tagging (Q in Q)
	Multicast protocols	IGMP v1/v2/v3, up to 128 static multicast groups, up to 512 dynamic multicast groups IGMP snooping and querying, up to 64 IGMP snooping VLANs Immediate leave and leave proxy Throttling and filtering
	LLDP	IEEE 802.1ab Link layer Discovery Protocol (LLDP)
TRAFFIC MANAGEMENT & QOS	Priority	IEEE 802.1p Class of Service with flexible classification (VLAN tag priority, IP DSCP/ToS, Port ID)
	Number of queues per port	8
	Scheduling schemes	SPQ, WRR
	Policy-based access control engine	Policy/profile-based Access Control List (ACL) Flexible combination of well-known fixed Layer 2/3/4 fields:
SECURITY	Traffic Policing & Shaper	Actions of ACL: Deny, Allow, Queue mapping, rate limit, mirror, CoS remark
	Port security	IP and MAC-based access control
L3	Storm Control	IEEE 802.1X authentication Network Access Control
	L3 routing	Static routing, 32 entities VRRP v2
	Network Address Translation	1:1 NAT/NAPT
MANAGEMENT	User Management interfaces	UART Console port (M12 X-code)
	Management Security	HTTPs, SSH, SCP,
	Upgrade & Restore	FTP for Configuration Import/Export,
	Diagnostic	RFC5424/RFC3164 Syslog
	MIBs	RFC 2819 RMON 1,2,3,9; RFC 4363 Q-Bridge MIB
	DHCP	DHCP Client, DHCP Server, DHCP relay (option82 and option61)
	DNS	DNS Client, DDNS
	ZeroConf	Zero Configuration Networking, mDNS and SSDP
	NTP	NTP Server/Client (NTPv4)
POWER	System status	Device information/status; Ethernet port status
	Alarm	Profile-based Alarm notification
	Power Input	24-110 VDC, M23, Male
INDICATORS	Reverse power protection	Yes
	Transient protection	> 15,000 watts peak
	Input Current	7 A @ 24 VDC; 1.5 A @110VDC
	Power Status indication	Indication of power input status
ENVIRONMENTAL & COMPLIANCES	Ethernet port indication	Link & Speed
	PoE status indication	PoE connection
	Ring protection indication	Ring role and Ring status
	Operating temperature range	-40 to +70° C (cold startup at -40° C)
	Storage temperature range	-40 to +85° C
	Humidity (non-condensing)	5 to 95% RH
	Vibration, shock & freefall	IEC 60068-2-6, IEC 60068-2-27, IEC 60068-2-32
	Certification compliance	CE/FCC compliant; EN 50155 certificate
	EMC	FCC Part 15 Subpart B Class A, CISPR 32 (EN55032) Class A compliant
MECHANICAL	RoHS and WEEE	RoHS (Pb free) and WEEE compliant
	MTBF	> 25 years
	Ingress protection	IP42 / IP67 options
	Installation option	Wall mounting
	Weight	3.3Kg (max.)
	Dimension	210 mm x 200 mm x 80.05 mm

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