

Managementfunktionen

Basis-Funktionen

	Store und Forward Switching Mode	IEEE 802.3
	Manual und Dynamic IP Address Assignment	
Port-Settings	Auto-Negotiation on / off	
	Port Speed 10 Mbit/s / 100 Mbit/s	
	Halb- / Vollduplex	
	Port disable / enable	
	Link Up/Down Trap disable / enable	
	Flow Control disable / enable	
Network Discovery	Link Layer Discovery Protocol (LLDP)	802.1AB, 2005
PoE	Power over Ethernet Support *	IEEE 802.1af
Rate Control	Rate Control pro Port * (Broadcast, Multicast, Unicast)	
File Transfer	Firmware-Import und -Export via TFTP und HTTP	
	Configuration-Import und -Export via TFTP und HTTP	
Time Settings	Manual time setting	
	Simple Network Time Protocol (SNTP)	RFC 1305, 4330
User Management	Admin, Guest und Service Level	
Service	Service Mode über Port 1	
QoS		
	Quality of Service (QoS)	IEEE 802.1p
	DiffServ	RFC 2474, 2475
VLAN		
	Port protocol basierte VLANs	IEEE 802.1Q Rev D5.0, 2005
Redundanz		
	Spanning Tree (STP)	IEEE 802.1D (2004)
	Rapid Spanning Tree (RSTP)	IEEE 802.1D (2004)
Sicherheit		
	Port-Based Network Access Control *	802.1x (2004)
	Port Based Authentication with EAP	
	RADIUS Client *	RFC 2138
	IP authorized manager	
Link Aggregation		
	Link Aggregation (LACP)	IEEE 802.3ad (2005)
Multicast		
	IGMP Snooping (v1, v2, v3) mit Support für Querier	RFC 1112, 2236, 3376
DHCP		
	DHCP Client	RFC 2131
	DHCP relay agent	RFC 2131
	DHCP Option 82	RFC 3046
Alarm		
	Alarme via E-Mail (SMTP) und SNMP Traps	
	Alarmkontakt für Unterspannung oder Linkänderung	

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Diagnose

	Port Diagnose	
	Port Mirroring	
	Switch History	
	MAC Address Table	
	RMON (1,2,3 & 9 groups) *	RFC 2819

Management

	Passwort-geschütztes Web-Management Interface	
	SNMP (v1, v2c, v3) agent & MIB support	

* ... Verfügbar ab Software Version 2.2