



Description

Rack mountable 16-port 40 W PoE audio quality switch designed for use in Dante Networks. In addition to the 16 Ethernet ports, the STNet Switch II includes two SFP ports that can be adapted to fiber or high speed Ethernet connections. The two SFP ports can be turned into a high speed optical fiber ports or copper Ethernet ports with the addition of a Gigabit SFP transceiver module.

Features

- 16 port high power 40 W PoE switch
- 2 SFP ports
- Compatible with any PoE or PoE+ devices
- Smart Switch technology
- Rack mount option 1-RU
- Designed for use on Dante Networks

SoundTube®

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All SoundTube speakers come with a 5-year limited warranty and 3-year warranty on all electronics.

STNET SWITCH II PRODUCT SPECIFICATIONS

Power Requirements	110-240 VAC, 50/60 Hz; 8.5 Amps max consumption
10 M/100 M/1 G RJ45 Port	16
100 M/1 G SFP Port	2
Propriety (PoE+ 40 W)	Yes
IEEE802.af (PoE 15.4 W)	Yes
IEEE802.3at (PoE+ 30 W)	Yes
Available PoE Power	640 W
Operating Temperature	0°C - 40°C
Operating Humidity	10 - 90% RH
Storage Temperature	-20°C - 70°C
Storage Humidity	10 - 90% RH
AC Input	100 V - 240 V
Height	44 mm 1.73"
Width	442 mm 17.4"
Depth	211 mm 8.3"
Weight	3.5 kg 7.71 lbs
Certifications	RoHS, FCC, ETL-c/US, UL 60950-1 / 1EC 60950-1 / CE / EN 55032:2015 +AC:2016, Class A, CISPR 32:2015 +Cor 1:2016, Class A / AS/NZS CISPR 32:2015, Class A EN 61000-3-2:2014, Class A / EN 61000-3-3:2013 / EN 55024:2010, EN 55024:2010 +A1:2015 / 47 CFR FCC Part 15, Subpart B, Class A ICES-003:2016 Issue 6, Class A / ANSI C63.4:2014

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Port Configuration

10M/100M/1G RJ45 Port 16	Port 16
100M/1G SFP Port	2
Total Ports	18

PoE Function

Proprietary (PoE+ 40W)	Y
IEEE802.3at (PoE+ 30W)	Y
IEEE802.3af (PoE 15.4W)	Y
PoE Port	16
Available PoE Power	640W

HW Performance

Switching Bandwidth	36Gbps
Forwarding Performance	26.784Mpps
MAC Address	8K
Jumbo Frames	9216 Bytes

Environmental Specification

Operating Temperature 0°C to 40°C	0°C to 40°C
Operating Humidity 10 to 90% RH	10 to 90% RH
Storage Temperature -20°C to 70°C	-20°C to 70°C
Storage Humidity 10 to 90% RH	10 to 90% RH
Mechanical Specification	
Dimensions (H) x (W) x (D) mm	44 x 442 x 211
Weight < 3.5 KG	< 3.5 KG

Power Source

AC Input	100V-240V
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L2 Switching

Spanning Tree	IEEE802.1D (STP)	Y
	IEEE802.1W (RSTP)	Y
	IEEE802.1S (MSTP)	Y
VLAN	802.1Q VLAN	Y
	Port-Based	Y
	VLAN Entries 4K	4K
	Private VLAN Y	Y
	Voice VLAN Y	Y
	Q-in-Q Y	Y
	MAC-Based VLAN Y	Y
IEEE 802.3ad LACP	IP Subnet-Based VLAN Y	Y
	Dynamic Trunk Y	Y
	Static Trunk	Y
IGMP Snooping		Y
MLD Snooping		Y
Multicast VLAN Registration (MVR)		Y

L3 Features

DHCP Server	Y
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QoS Features

Class of Service	Port Based	Y
	802.1p	Y
	DSCP	Y
Rate Limiting	Ingress	Y
	Egress	Y
Scheduling	WRR	Y
	Stri Priority	Y
Hardware Queues	Voice VLAN Y	8

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Security

ACLs	L2/L3/L4	Y
Port Security (MAC-based)		Y
IP Source Guard		Y
Storm Control		Y
RADIUS Authentication 802.1x		Y
TACACS+ Authentication		Y
HTTPS and SSL (Secured Web)		Y
BPDU Guard		Y
STP Root Guard		Y
DHCP Snooping		Y
Loop Protection		Y

Management

DHCP	Client	Y
	Relay	Y
	Option 66	Y
	Option 67	Y
	Option 82	Y
Event/Error Log	Event/Error Log Syslog	Y
	SMTP (RFC821)	Y
Filtering	Filtering SNMP	Y
	Web UI	Y
	Telnet	Y
	SSH	Y
PoE Management	PoE Management Scheduling	Y
	Auto-Checking	Y
	Power Delay	Y
SNMP (v1, v2c, v3)		Y
RMON (1,2,3 & 9 Groups)		Y
Software Upgrade		Y