SW-615-48P-F

48 PoE+ Ports and 4 - 10 Gigabit SFP+ Expansion Ports with 740W of Total Power Budget, and Layer 2 and Layer 3 Functionality Optimized for AV over IP Applications.

OVERVIEW

Designed to support AV-over-IP (AVoIP) applications, the SW-615-48P-F includes 48 1-Gigabit PoE+ Ethernet ports and four 10-Gigabit SFP+ expansion ports. Two or more SFP+ ports can be aggregated for a connection speed of up to 40 Gb.

The 48 PoE+ ports deliver both gigabit data and power over a single cable to 802.11af/at-compliant devices, with a maximum of 30W per port. For separately powered devices, these ports deliver network connectivity only. The total power budget is 740W for all PoE+ ports combined.

The advanced Layer 2/Layer 3 features a refreshed easy-to-use management interface to simplify configuration and make this switch ideal for use in multi-switch AV-over-IP environments. Setup of IGMP/Multicast on a per-port basis is easy, improving the setup and reliability of running audio and video over the network simultaneously.

FEATURES

CONFIGURATION

- Refreshed, simplified user interface
- Supports inbound and outbound (ingress and egress) ACL filtering
- Layer 2+ and Layer 3 static routing
- Multicast/IGMP snooping and querying feature
- Per port unregistered flooding
- 176Gbps switching capacity
- Dante and AES67 compatibility
- AV-over-IP compatible
- Easy port aggregation: 10G SFP+ ports are aggregable up to 40 Gbps
- 802.1Q VLAN and QoS support including DCSP

POWER

- 370W total power budget
- All Ethernet RJ-45 ports are PoE+ powered (IEEE 802.3at)
- PoE Monitoring: Auto-Recovery and Power Scheduling
- PoE stays active with soft reboot (when configured)
- Dynamic PoE allocation

INSTALLATION

- Standard 19-inch rack mount
- Front-facing, selectable blue or green LEDs Rear-facing ports
- Low noise, variable speed fans
- Integrated port activity LEDs for easier diagnostics
- Luxul ProWatch support
- 3-year warranty
- Free lifetime phone support

PRODUCT INFORMATION

PART #	DESCRIPTION
SW-615-48P-F	48 PoE+	4 SFP+ Ports - 10 Gigabit L2/L3 Managed Switch

SW-615-48P-F

SPECIFICATIONS

HARDWARE FEATURES	
PROTOCOLS AND STANDARDS	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af/ at, IEEE 802.3x, IEEE 802.3ad, IEEE 802.3az, IEEE 802.1ab, IEEE 802.1d, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1v, IEEE 802.1w, IEEE 802.1X
FORWARDING CAPACITY	103.9 Mpps (64 byte packets)
SWITCHING CAPACITY	176Gbps
MAC TABLE	Up to 32K (32768) MAC addresses
JUMBO FRAMES	Frame sizes up to 10240 Bytes
INTERFACE OPTIONS	RJ45: 10BASE-T, 100BASE-T, 1000BASE-T SFP+: up to 10Gbps
PoE MONITORING	Auto-Recovery, Power Scheduling, PoE stays active with soft reboot
VLAN	802.1Q max 4094 VIDs & VLAN Trunking Supports 1 Management VLAN
SURGE PROTECTION	RJ-45 port surge protection tested to 6KV per EN61000-4-5
QUALITY OF SERVICE (QOS)	8 Hardware Queues Queue Scheduling: Strict Priority and Weighted Round Robin (WRR) VLAN priority based Layer 2 CoS QoS Port based Layer 3 DSCP QoS Port based bandwidth control ACL Ingress and Egress Filtering
NETWORK DATA TRANSFER RATE	Ethernet: 10Mbps (Half-duplex), 20Mbps (Full-duplex) Fast Ethernet: 100Mbps (Half-duplex), 200Mbps (Full-duplex) Gigabit Ethernet: 1000Mbps (Half-duplex), 2000Mbps (Full-duplex) SFP+: 10Gbps
MULTICAST SUPPORT	IGMP Snooping, Querier, Per Port Unregistered Flooding, Snooping and Querier available on each VLAN, Port statstics allow users to troubleshoot IGMP, ACL Egress Filtering of Multicast Traffic
LED	Per Unit: System, Link/Act or PoE status Per Port: Link/Activity and POE
PORT COUNT	48 PoE/PoE+, 4 SFP+ 10Gb ports
POWER BUDGET	740W, Configurable as statically assigned or dynamically allocated Up to 30W per port
MAX POWER CONSUMPTION	885W @ 100VAC, 857W @ 240VAC
POWER SUPPLY	Internal Switched Power, AC 100-240V, 50-60Hz input
OPERATING TEMPERATURE	32 F to 104 F (0 C to 40 C)
OPERATING HUMIDITY	10% to 90% (Non-condensing)
DIMENSIONS LxWxH IN. (MM)	17.4"x14.8"x1.75" (442 x 375 x 44mm)
WEIGHT LBS (KG)	12.1 (5.5)
CERTIFICATIONS	FCC Part 15 Class A, IC, CE-EMC, CE-LVD, CB(IEC 62368-1), RCM, VCCI, RoHS, UL, cUL, TAA, NDAA, UKCA

ADDITIONAL INFORMATION

FREE DESIGN SERVICE

Go to **legrandav.com/cap** to access free design services from Luxul network experts

PACKAGE CONTENTS

- Managed PoE+ Switch
- Rack Mounting Ears
- Rubber Feet
- Power Cord

ORDERING INFORMATION

REGION	PART NUMBER
North America	SW-615-48P-F
Australia	SW-615-48P-F-A
Europe	SW-615-48P-F-E
UK	SW-615-48P-F-U

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