

# SW-615-24P-R

24 PoE+ Ports with Total 370W Power Budget Layer 2 and Layer 3 Functionality Optimized for AV Over IP Applications

## OVERVIEW

Designed to support AV-over-IP (AVoIP) applications, the SW-615-24P-R includes 24 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 24 PoE+ ports deliver both gigabit data and power over a single cable to 802.3af/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 370W for all PoE+ ports combined.

The advanced Layer 2/Layer 3 features and easy-to-use management interface simplify configuration and make this switch ideal for use in multiswitch 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 L3 static routing
- Multicast/IGMP snooping and querying feature
- Per port unregistered flooding
- 128Gbps 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-615-24P-R	24-Port Gb PoE+ L2 L3 Managed Switch with 4 SFP+

# SW-615-24P-R

## SPECIFICATIONS

HARDWARE FEATURES	
<b>PROTOCOLS AND STANDARDS</b>	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
<b>FORWARDING CAPACITY</b>	95.2Mpps (64 byte packets)
<b>SWITCHING CAPACITY</b>	128Gbps
<b>MAC TABLE</b>	Up to 32K (32768) MAC addresses
<b>JUMBO FRAMES</b>	Frame sizes up to 10240 Bytes
<b>INTERFACE OPTIONS</b>	RJ45: 10BASE-T, 100BASE-T, 1000BASE-T SFP+: up to 10Gbps
<b>PoE MONITORING</b>	Auto-Recovery, Power Scheduling, PoE stays active with soft reboot
<b>VLAN</b>	802.1Q max 4094 VLANs & VLAN Trunking Supports 1 Management VLAN
<b>SURGE PROTECTION</b>	RJ-45 port surge protection tested to 6KV per EN61000-4-5
<b>QUALITY OF SERVICE (QoS)</b>	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
<b>NETWORK DATA TRANSFER RATE</b>	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
<b>MULTICAST SUPPORT</b>	IGMP Snooping, Querier, Per Port Unregistered Flooding, Snooping and Querier available on each VLAN, Port statistics allow users to troubleshoot IGMP, ACL Egress Filtering of Multicast Traffic
<b>LED</b>	Per Unit: System, Link/Act or PoE status Per Port: Link/Activity and POE
<b>PORT COUNT</b>	24 PoE/PoE+, 4 SFP+ 10Gb ports
<b>POWER BUDGET</b>	370W, Configurable as statically assigned or dynamically allocated Up to 30W per port
<b>MAX POWER CONSUMPTION</b>	439W @ 100VAC, 426W @ 240VAC
<b>POWER SUPPLY</b>	Internal Switched Power, AC 100-240V, 50-60Hz input
<b>OPERATING TEMPERATURE</b>	32°F to 122°F (0°C to 50°C)
<b>OPERATING HUMIDITY</b>	10% to 90% (Non-condensing)
<b>DIMENSIONS LxWxH IN. (MM)</b>	17.4"x8.3"x1.75" (442 x 211 x 44mm)
<b>WEIGHT LBS (KG)</b>	7.10 (3.2)
<b>CERTIFICATIONS</b>	FCC Part 15 Class A, IC, CE-EMC, CE-LVD, CB(IEC 62368-1), RCM, VCCI, RoHS, UL, cUL, TAA, NDA

## ADDITIONAL INFORMATION

### PACKAGE CONTENTS

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

### ORDERING INFORMATION

REGION	PART NUMBER
North America	SW-615-24P-R
Australia	SW-615-24P-R-A
Europe	SW-615-24P-R-E
UK	SW-615-24P-R-U

### FREE DESIGN SERVICE

Go to [legrandav.com/CAP](http://legrandav.com/CAP) to access free design consultancy from Luxul network experts.

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