# SR2000 / SR2100 SWITCHES

Cloud-enabled enterprise-class gigabit access switches with PoE/PoE+, 802.1X, and QoS

The Aerohive SR platforms combine enterprise-class access switching with cloud enabled management and on-demand provisioning to provide the industry's most advanced networking feature set to the edge of your network.

Built on the deep, feature-rich HiveOS operating system, the SR platforms offer state-of-the-art gigabit switching with advanced features like user-based QoS, storm control, and 802.1X multiple authentication for voice and data coexistence, along with traditional switch features Combining these capabilities with cloud-based services such as on-demand provisioning, hands-free configuration and updates, and unified wired and wireless policies allows the SRs to join the rest of the Aerohive Cooperative Control network to provide a seamless, high-quality enterprise-class experience for all connected users.

The SR2024P combine enterprise-class access switching with cloud- enabled management, on-demand provisioning, and secure branch routing to provide the industry's most advanced networking feature set to the edge of your network. The 2124P and 2148P provide higher bandwidth and port density access on the edge of the network.

The SR switch series is a key component of the Aerohive Connect solution which provides cloud-managed connectivity. Connect is centrally managed from the cloud, allowing for simple, fast, and powerful management.
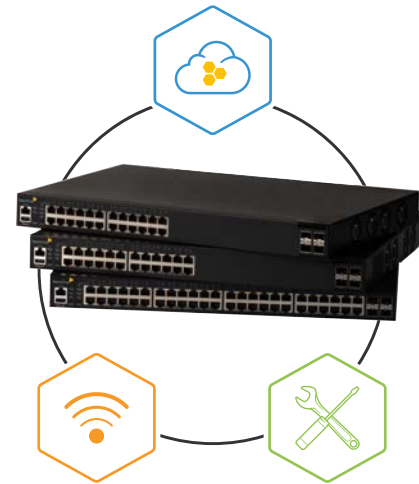
AEROHIVE CONNECT COMPONENTS

ENTERPRISE CONNECTIVITY

- Variety of port density options
- HiveOS Routing with IPsec (SR2024P)
- Flexible PoE options
- Cloud-enabled Stacking
- Energy-efficient

CLOUD MANAGEMENT

- Network Device and Client Monitoring
- Global Search and Filter function
- Auto-Provisioning Tools for quick and easy deployment
- Network Health View
- Guided Network Configuration Setup

HIVECARE SUPPORT

- HiveCare Community Support: forum-based interactive support
- HiveCare Connect CallBack service *(optional)*
- Wide array of online resources and tools

DIMENSIONS, INTERFACES, AND POE BUDGET

MODEL	DIMENSIONS (WxDxH, mm)	DOWNLINK PORTS	UPLINK PORTS	POE BUDGET	SWITCHING CAPACITY	MTBF
SR2024P	438 x 45 x 311	24 x 1 GE ports	4 x 1GE SFP	195W	56 Gbps	220,000 hours at 25° C
SR2124P	438 x 45 x 388	24 x 1 GE ports	4 x 10GE SFP+	408W	128 Gbps	
SR2148P	438 x 45 x 388	48 x 1 GE ports	4 x 10GE SFP+	779W	176 Gbps	

PRODUCT SKUs

AEROHIVE SWITCH

SKU	DESCRIPTION
AH-SR-2024P	SR2024P, 28 port Gigabit Ethernet Switch, 24xRJ45, 195W PoE+, 4xSFP
AH-SR-2124P	SR2124P, 28 port 10 Gigabit Ethernet Switch, 24xRJ45, 408W PoE+, 4xSFP+
AH-SR-2148P	SR2148P, 52 port 10 Gigabit Ethernet Switch, 48xRJ45, 779W PoE+, 4xSFP+

ACCESSORIES FOR SR2024P

SKU	DESCRIPTION
AH-ACC-15-16-CLIP-300-100	Gigabit Ethernet SFP module - SX (550m)
AH-ACC-SERIAL-RJ45	Gigabit Ethernet SFP module - SX (550m)

ACCESSORIES FOR SR2124P, SR2148P

SKU	DESCRIPTION
AH-ACC-SFP-1G-SX	Gigabit Ethernet SFP module - SX (150m)
AH-ACC-SFP-1G-LX	Gigabit Ethernet SFP module - LX (10km)
AH-ACC-SFP-10G-SR	10 Gigabit Ethernet SFP+ module - SR (400m)
AH-ACC-SFP-10G-LR	10 Gigabit Ethernet SFP+ module - LR (10km)
AH-ACC-SFP-10G-LRM	10 Gigabit Ethernet SFP+ module - LRM (220m)

PRODUCT SPECS

Interfaces
- SR2024P
  - *24x 10/100/1000Mbps RJ45 ports*
  - *4x 1G SFP*
- SR2124P
  - *24x 10/100/1000Mbps RJ45 ports*
  - *4x 10G SFP+*
- SR2148P
  - *48x 10/100/1000Mbps RJ45 ports*
  - *4x 10G SFP/SFP+*
- 1 Type-A USB2.0 port
- 1 RJ45 serial console port
- 1 Redundant Power Supply connector *(rear) (SR2124P, SR2148P only)*

Power over Ethernet
- 802.3af/802.3at PoE/PoE+ with legacy support
- 30 Watts max per port
- PoE budget *(SR2024P, SR2124P, SR2148P)* : 195W, 408W, 779W
- PoE Prioritization and Reporting

Ethernet Switching
- 16,000 MAC addresses
- Jumbo Frames (9600 bytes)
- QoS
- Line-rate switching
- IGMP Snooping
- Storm control
- Rate limiting
- Spanning Tree: STP, RSTP, MSTP

Environmental
- Operating: 0 to +40 degrees C
- Storage: -20 to +70 degrees C
- Humidity: 5% to 95% RH (non-condensing)
- Altitude: 3000m
- Low-Noise: Less than 48dBA at full power
  - *Temperature-controlled fan speed*

MTBF
- 220,000 hours at 25 degrees C

Power
- SR2024P: 100-240V, 3.5A
- SR2124P: 100-240V, 6.5A
- SR2148P: 100-240V, 12A

Other Features
- Full Trusted Computing Group *(TCG)* Trusted Platform Module *(TPM)*

Mounting
- Rack-mountable
- Desktop

Secure Routing (SR2024P)
- HiveOS Routing with IPsec
- Identity and Policy-Based Routing
- NAT
- Dual WAN support
- Identity-based routing
- 50Mbps Firewall
- 20Mbps IPsec VPN

WARRANTY & SUPPORT

This Aerohive Networks device is backed by a limited lifetime hardware warranty. HiveCare Community Support is included with the Connect Switch. Optional HiveCare Callback service may also be purchased.

For complete support terms go to **www.aerohive.com/support**.