DATA SHEET

XR600P

Cloud-Managed Mid-Enterprise SD-WAN Router with Gigabit PoE+ Ethernet

AEROHIVE NETWORKS
Powered by HiveOS, the XR600P delivers cloud-managed SD-WAN routing for distributed organizations, extending unified, enterprise connectivity to any location.

The XR600P forms part of Aerohive’s cutting-edge SD-WAN solution, with impressive VPN and firewall throughput in addition to flexible PoE+ functionality. The XR600P can act as a Layer 3 IPsec VPN gateway, serving as a termination point for other XR routers.

Combining powerful hardware with the extensibility of HiveOS, organizations can benefit from end-to-end QoS, application-aware traffic shaping and performance optimization. With features such as real-time dynamic path selection, traffic can be passed across multiple uplinks (including LTE) in real-time, based on connection performance and availability.

Aerohive’s SD-WAN routers support a number of enterprise security mechanisms including Layer 3 IPsec VPN (when paired with a VPN gateway tunnel terminator), integrated stateful firewall plus identity and application-based access control. 802.1X, MAC and Captive Web Portal authentication can also be used for devices connecting directly via Ethernet.

Managed by HiveManager, Aerohive’s industry-leading cloud-management platform, deploy XR routers with ease and at scale alongside Aerohive’s unified switches and distributed control Wi-Fi architecture for a full-stack distributed access network solution. HiveManager is available as a Public Cloud, Private Cloud or On-Premises offering.
Front

Side (Right)

Back
Aerohive XR routers are managed through HiveManager. HiveManager is an industry-leading and visionary approach to cloud-managed networking, built from the ground up to take full advantage of the SD-LAN and SD-WAN solution from Aerohive. Working in tandem with Aerohive’s cutting-edge HiveOS, HiveManager leverages state-of-the-art cloud technology. Benefit from unified, full-stack management of Wi-Fi, switching and routing, centralized monitoring and configuration, real-time and historical reporting, simplified troubleshooting, integrated RF planner tools, and much more.

**Remote Device Management and Visibility**

**Policy-Driven, Full-Stack Management**

**Link-State and Performance Monitoring**

**Centralized, Cloud-Managed WAN**

**Integrated URL Filtering**

**User & App-Based Control**
Product Specifications

AEROHIVE XR600P

Interfaces

- IEEE 802.3ab (1000BASE-T), 802.3u(1000BASE-TX), 802.3(10BASE-T) compliant
- 6x 1GE ports
  - 2x WAN (WAN0 & WAN1), WAN1 can be configured as LAN port
  - 4x LAN (one can be configured as WAN port, 3x WAN ports total)
- 4x PoE ports with 80W power budget, supporting 4x IEEE 802.3af PoE, 2x 802.3at PoE+ or other combinations
- 1x USB 2.0 port and 1x USB 3.0 port with backward compatibility with USB 1.1 (1 side, 1 rear)
  - Either can be used as WAN via modem (only 1 at a time)
  - Optional modem protector can be installed for side USB port
- 1 Reset button to reset (on press) and load factory default settings (when pressed for more than 5 seconds)
- 1 RJ45 console port

Modem Support

- Skyus DS (Global)
- U620L (Verizon)
- ConnectedIO (LT1000)
- Huawei UMG366 (ATT & T-Mobile)
- Pantech UML290 (Verizon)

Performance

- Firewall throughput: Up to 600 Mbps
- VPN throughput: Up to 250 Mbps
- Multi-path optimization and link-state detection

Security

- VPN Server Mode (Layer 3 IPsec)
- VPN Client Mode (Layer 3 IPsec) with virtual gateway tunnel terminator
- URL Filtering
- Wired authentication including 802.1X, MAC authentication and Captive Web Portal support
- Identity-based access control plus application visibility for 1200+ apps
- Stateful firewall
- Full Trusted Computing Group (TCG) Trusted Platform Module (TPM)

Mounting

- Desktop
- Wall mount
- Optional rack mount key for 1U rack

Physical

- Dimensions: 8.7” W x 1.14” H x 6.3” D (22 cm W x 2.9 cm H x 16 cm D)
- Weight: 1.2 lb (544.31g)

Environmental

- Operating temperature: 32 °F to 104 °F (-0 to 40 °C)
- Storage temperature: -40 °F to 176 °F (-40 to 80 °C)
- Operating humidity: 10% to 90% RH (noncondensing)

MTBF (based on Telecordia SR-332)

- 350,000 Hours at 25°C

Power

- AC Power adapter:
  - Input: 100 – 240 VAC
  - Output: 54V/1.67A, 90.18W

- PoE:
  - 802.3af DC power up to 12.95W
  - 802.3at DC power up to 25.5W

Physical Security

- 1 Kensington Security Slot
### XR600P - SKUs

<table>
<thead>
<tr>
<th>SKU</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>AH-XR-600P-XX</td>
<td>XR600P SD-WAN Router, x6 10,10,100 LAN/WAN Ethernet, 4x PoE PSE Ports, USB: Power Supply Available Separately. (US</td>
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</tbody>
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### XR600P - MISCELLANEOUS SKUs

<table>
<thead>
<tr>
<th>SKU</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>AH-ACC-XR600-USB</td>
<td>XR600P USB Protector. Includes screws.</td>
</tr>
<tr>
<td>AH-ACC-XR600-BKT</td>
<td>XR600P Mounting Brackets. Includes two brackets and screws.</td>
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