DATA SHEET

XR200P

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

AEROHIVE. NETWORKS
Powered by HiveOS, the XR200P delivers cloud-managed SD-WAN routing for distributed organizations, extending unified, enterprise connectivity to any location.

The XR200P forms part of Aerohive’s cutting-edge SD-WAN solution, enabling distributed organizations to deliver a HQ-like experience for remote branches and teleworkers.

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.
AEROHIVE XR200P

Hardware Components

USB 2.0 Port

Ethernet Ports with Status LEDs

Power

WAN Port with Status LEDs

Security Slot

Console Port

Power & CAPWAP Status LED (Top)

Reset

USB 2.0 Port
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**

**Automatic IP Address Space Assignment**

**User & App-Based Control**
## Interfaces

- IEEE 802.3ab (1000BASE-T), 802.3z (1000BASE-TX), 802.3 (10BASE-T) compliant
- 5x 1GE ports
  - 1x Dedicated WAN
  - 4x LAN (one can be configured as WAN port, 3x WAN total with 2x ETH + 1x USB) with autosensing and auto-MDI/MDI-X. IEEE 802.3x PAUSE frame flow control in full duplex
- 2x PoE ports with total of 30.8W power budget, supporting 2x IEEE 802.3af PoE, or 1x 802.3at PoE+
  - 1x USB 2.0 port and 1x USB 3.0 port with backward compatibility with USB 1.1
  - Either can be used as WAN via modem (only 1 at a time)
- 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 200 Mbps
- VPN throughput: Up to 100 Mbps
- Multi-path optimization and link-state detection

## Security

- VPN Client Mode (Layer 3 IPsec) with virtual gateway tunnel terminator
- 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

## Physical

- Dimensions: 7.75” W x 1.13” H x 6.1” D (19.7 cm W x 2.9 cm H x 15.5 cm D)
- Chassis Weight: 14 oz (400g)

## Environmental

- Operating temperature: 32 °F to 104 °F (-0 to 40 °C)
- Storage temperature: -40 °F to 158 °F (-40 to 70 °C)
- Operating humidity: 5% to 95% RH (noncondensing)

## MTBF (based on Telecordia SR-332)

- 392,000 Hours at 25 °C

## Power

- AC Power adapter:
  - Input: 100 – 240 VAC
  - Output: 48V/1.25A, 60W
- PoE:
  - 802.3af DC power up to 12.95W

## Physical Security

- 1 Kensington Security Slot
## SKUs

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<thead>
<tr>
<th>SKU</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>AH-XR-200P-XX</td>
<td>XR200P SD-WAN Router, x6 10,100,1000 LAN/WAN Ethernet, 2x PoE PSE Ports, USB. Power Supply Available Separately. (US</td>
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