



INDOOR X2 ACCESS POINTS

With a powerful integrated controller, zero-touch provisioning, and available cloud-based network management, Xirrus X2 Access Point provides powerful Wi-Fi solutions for environments including classrooms, offices, hospitals, hotel rooms, and more. Xirrus Access Point is backward compatible and supports latest 802.11ac Wi-Fi standards at an affordable cost.

CONFIGURATION SPECIFICATIONS

| | X2 |
|--|---------------------|
| Chassis Dimensions | 8" Diameter, 1.82"H |
| Supported Standards | 802.11a/b/g/n/ac |
| Total Number of Radios | 2 |
| Radio Type | 2x2, 867Mbps |
| MIMO Technology | SU-MIMO |
| Maximum Wi-Fi Bandwidth | 1.2Gbps |
| Maximum Wi-Fi Backhaul | 867Mbps |
| Maximum Associated Devices | 512 per AP |
| Wired Uplinks: 802.3ad (Aggregate traffic), broadcast, link-backup (failover), load balancing | 1GbE |
| Maximum Power Consumption | 12.5W (PoE) |
| Max SSIDs | 8 |
| Max VLAN | 52 |
| Weight | 2lbs |



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TECHNICAL SPECIFICATIONS

| Features | Specifications | | | | |
|---|--|---|--|---|---|
| RF Management | Dynamic channel configuration Dynamic cell size configuration RF monitor Re-use and increase wireless device density through tight power controls. | | | | |
| Wireless Protocols | IEEE 802.11a, 802.11ac, 802.11b, 802.11d, 802.11e, 802.11g, 802.11h, 802.11i, 802.11k, 802.11n | | | | |
| Wired Protocols | IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, 1000BASE-T, 802.3ab 1000BASE-T IEEE 802.1q – VLAN tagging IEEE 802.1d – Spanning tree | | | | |
| RFC Support | RFC 768 UDP RFC 791 IP RFC 792 ICMP RFC 793 TCP | | | | |
| Security | IEEE 802.11i WPA2, RSN RFC 1321 MD5 Message-digest algorithm RFC 2246 TLS protocol version 1.0 RFC 3280 Internet X.509 PKI certificate and CRL profile | | | | |
| Encryption Types | Open, WEP, TKIP-MIC: RC4 40, 104 and 128 bits SSL and TLS: RC4 128-bit and RDA 1024 and 2048 bit | | | | |
| Authentication | <ul style="list-style-type: none"> • IEEE 802.1x • RFC 2716 PPP EAP-TLS • RFC 2865 RADIUS Authentication • RFC 2866 RADIUS Accounting • RFC 2867 Tunnel Accounting • RFC 2869 RADIUS Extensions • RFC 3576 Dynamic Authorizations extensions to RADIUS • RFC 3579 RADIUS Support for EAP • RFC 3748 EAP-PEAP <ul style="list-style-type: none"> • RFC 5216 EAP-TLS • RFC 5281 EAP-TTLS • RFC 2284 EAP-GTC • RFC 4186 EAP-SIM • RFC 3748 Leap Passthrough • RFC 3748 Extensible Authentication Protocol • Support for External WPR, Landing Page and Authentication • Support for EasyPass Access Services – Guest, Onboarding, Voucher and Personal Wi-Fi | | | | |
| Regulatory Compliance | <table border="0"> <tr> <td> EMC, Safety and Wireless <ul style="list-style-type: none"> • FCC CFR 47 Part 15, Class B • ICES-003 Class B • FCC Subpart C 15.247 • FCC Subpart E 15.407 • RSS-247 • EN 301 893 • EN 300 328 • EN 301 489 1 & 17 • EN 62311 • EN 55022 (CISPR 22) • AS/NZS4268 + CISPR22 </td> <td> Safety <ul style="list-style-type: none"> • IEC 60950-1 • EN 60950-1 • UL 60950-1 • CSA 22.2 No.60950-1-03 • AS/NZS 60950.1 • Air handling space (UL 2043) </td> </tr> </table> | EMC, Safety and Wireless <ul style="list-style-type: none"> • FCC CFR 47 Part 15, Class B • ICES-003 Class B • FCC Subpart C 15.247 • FCC Subpart E 15.407 • RSS-247 • EN 301 893 • EN 300 328 • EN 301 489 1 & 17 • EN 62311 • EN 55022 (CISPR 22) • AS/NZS4268 + CISPR22 | Safety <ul style="list-style-type: none"> • IEC 60950-1 • EN 60950-1 • UL 60950-1 • CSA 22.2 No.60950-1-03 • AS/NZS 60950.1 • Air handling space (UL 2043) | | |
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| Environmental Specifications | Operating Temperature: 0-50°C, 5-90% humidity, non-condensing Storage Temperature: -40°C to 70°C | | | | |
| Channel Support 2.4GHz (Channel selections are based upon country code selections) | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 | | | | |
| Channel Support 5GHz (Channel selections are based upon country code selections) | <table border="0"> <tr> <td>U-NII-1 – Non-DFS channels 36 40 44 48</td> <td>U-NII-2C DFS channels⁽¹⁾ 100 104 108 112 116 120 124 128 132 136 140 144</td> </tr> <tr> <td>U-NII-2A DFS channels⁽¹⁾ 52 56 60 64</td> <td>U-NII-3 Non-DFS channels 149 153 157 161 165</td> </tr> </table> | U-NII-1 – Non-DFS channels 36 40 44 48 | U-NII-2C DFS channels ⁽¹⁾ 100 104 108 112 116 120 124 128 132 136 140 144 | U-NII-2A DFS channels ⁽¹⁾ 52 56 60 64 | U-NII-3 Non-DFS channels 149 153 157 161 165 |
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(1) DFS channels will be available upon regulatory certification.



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| Features | Specifications |
|-----------------------|---|
| Management Interfaces | Command line interface (for troubleshooting only) Xirrus Management System (XMS) <ul style="list-style-type: none"> • XMS-Cloud • XMS-Enterprise |
| Management | <ul style="list-style-type: none"> • RFC 2578 Structure of Management Information Version 2 (SMIv2) • RFC 2579 Textual Conventions for SMIv2 • RFC 3418 Management Information Base (MIB) for the Simple Network Management Protocol (SNMP) • Integration with Splunk for accurate search and analysis of intra-organizational IT events • Netflow Export v9 and IPFIX compatibility allows for IP traffic statistics collection |

| Part Number | Description |
|-------------|-------------|
|-------------|-------------|

CONFIGURED MODELS

| | |
|--------|--|
| X2-120 | Dual radio 2x2 MIMO 802.11ac AP with up to 1.2Gbps of total Wi-Fi bandwidth; integrated controller with operating system |
|--------|--|

ACCESSORIES

| | |
|------------|--|
| XP1-MSI-20 | 1 Port 20W PoE Injector that powers 1 AP (X2-120, XR-500). Requires order of appropriate XS-PWR-XX cord for the country where the AP will be deployed; refer to Accessories Guide for other options including managed multi-port injectors |
| Mountings | Refer to Accessories Guide for options, part numbers and detailed information |

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