



The Wireless X is nothing but a revolution within Wi-Fi in hazardous areas. Based on 25 years of Ex experience, BARTEC have created the smallest, lightest and highest performing Wi-Fi access point for zone 1 available on the market. Based on both clever engineering, material science and state of the art wireless infrastructure, we are now eliminating the need for bulky and heavy enclosures and antennas.

Powered by 802.11a/b/g/n/ac dual band access points, the Wireless X does not require external antennas. By using internal antennas, combined with years of experience creating innovative Ex-certified products, we have managed to create a smart solution. The Wireless X is built with an RF transparent dome to eliminate the need for external antennas. The new and smart circular design, ensures that the product is well within the requirements for the Ex certification. With a rigid aluminum base, the Wireless X is IP 65, IECEx and ATEX Zone 1 compliant. The result is a staggering reduction of 1/2 the installation time, 1/4th of the weight and 1/4th the size compared to an Ex-d based enclosure solution with external antennas. This allows the users to create Wi-Fi in any hazardous location at a fraction of the cost, compared with legacy solutions. The software is Cisco's own, making it plug and play for most networks. The Cisco Wi-Fi portfolio is industry leading and known amongst most IT management organizations.

Explosion protection

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|----------------------------------------------------------------------------------------|------------------------------------------------------------------|
| Marking ATEX | Ex II 2G Ex db eb IIC T6 Gb -20 °C ≤ T _{amb} ≤ 60 °C |
| Certification | Prefsafe 17 ATEX 11333 X |
| Marking IECEx | Ex db eb IIC T6 Gb |
| Certification | IECEx PRE 17.0059 X |
| Other approvals and certificates, see www.bartec.de | |

Technical data

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|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input voltage range | 85 - 264 V AC (47 - 63 Hz), 120 - 370 V DC |
| Wireless | Wi-Fi 802.11 a/b/g/n/ac |
| Interfaces | Terminal block connection for Ethernet cable Splice tray for 9/125 µm single-mode fiber POE supported |
| Ambient temperature | -20 °C to +60 °C (with total dissipation up to 22.5 W) -20 °C to +53 °C (with total dissipation up to 34 W) |
| Antennas | Integrated |
| Size | Ø 452,5 mm Thickness 188 mm |
| Weight | 8 kg (excluding access point mounted inside) |
| Compatibility | We recommend using Cisco 27xx, 28xx, 37xx and 38xx series Cisco access points, but other Cisco variants along with equipment from other leading Wi-Fi brands will also be compatible |
| Material | Aluminium and RF transparent dome |

Ordering information

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|--------------------------------------------------|-------------------|
| Wireless X | on request |
| Technical data subject to change without notice. | |