Wireless X Wi-Fi Access Point

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

Marking ATEX	Ⓔx II 2G Ex db eb IIC T6 Gb -20 ºC ≤ T_{amb} ≤ 60 °C
Certification	Presafe 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

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

Wireless X	**on request**

Technical data subject to change wirthout notice.