

EXgate™ 360

Next-generation Zone 1/21 enclosure for access points, radios and gateways



The EXgate™ 360 enclosure makes it easy to deploy any wireless network in hazardous areas, Zone 1/21. The EXgate™ enclosure can be used for all types of Wi-Fi, BLE, 4G/5G access points, radios, gateways and repeaters with internal and/or external antennas. All common connection standards are supported such as POE and Fiber optics.

The EXgate™ solutions are designed to withstand the harsh offshore environments found in petrochemical, offshore and marine applications. They can also be used in any industry where explosive atmospheres may be present. The connection is made through direct entry cable glands, indirect via Ex e junction box or with CAT compliant Ex d connector.

The solution can be used for:

- Wi-Fi
- 4G /LTE and 5G
- BLE / Mesh
- ZIGBEE
- Wireless HART
- Any wireless technology from any vendor

Explosion protection

Marking ATEX	Ⓜ II 2 G Ex db IIA/IIB/IIC T6/T5/T4 Gb or Ⓜ II 2 G Ex db eb IIA/IIB/IIC T6/T5/T4 Gb Ⓜ II 2 D Ex tb IIIC T 70 °C/80 °C/95 °C/100 °C Db
Marking IECEx	Ex db IIA/IIB/IIC T6/T5/T4 Gb or Ex db eb IIA/IIB/IIC T6/T5/T4 Gb Ex tb IIIC T 70 °C/80 °C/95 °C/100 °C Db
Certification ATEX	20 ATEX 74578 X
Certification IECEx	IECEx PRE 20.0102X

For further approvals and certificates, see bartec.com

Technical data

Material	Stainless steel 316L / Polycarbonate
IP rating	IP 66
Temperature	-20 °C to +60 °C (certification and operating temperature dependent on installed equipment)
Surface treatment	Shot blasted and acid pickled
Power supply	Rated voltage: 3 to 24 VDC, POE (37-57 V DC) / 230 VAC Rated current: Max 3A (DC), Max 0,5A (AC)
Max Output power (EIRP)	IIA - 6W IIB - 3.5W IIC - 2W
Entry connections	6x M25, 1x M40 (Amphenol connector ready)
Diameter	Ø 364 mm
Height	252 mm with bracket, 207 mm without bracket
Weight	Approx 20 kg (including mounting bracket and AP)

Order number Configuration

Order number	Configuration
EXgate™ 360	
470908	EXgate™ 360 POE
470909	EXgate™ 360 Fiber, Single-mode
470910	EXgate™ 360 Fiber, Multi-mode
470911	EXgate™ 360 POE w/Exe Junction Box
470912	EXgate™ 360 Fiber, Single-Mode w/Junction Box
470913	EXgate™ 360 Fiber, Multi-Mode w/Junction Box
470914	EXgate™ 360 Ethernet + Power
Request	EXgate™ 360 Ethernet + Power w/Junction Box
Accessories	
1201439	Safetywire KIT EXgate™ 360, Ø 4mm, 300 mm lenght

Fixing dimensions

Fixing holes mounting bracket*	4x slot Ø8,5mm x 20mm c-c 400x100 mm
Internal earth connection	M6 bolt
External earth connection	M6 bolt

Compatibility

The EXgate™ 360 enclosure is designed, built and delivered in full compliance with current specific regulations and standards.

EXgate™ 360 is designed to be vendor and technology agnostic, meaning your choice of wireless hardware can be installed.

For Wi-Fi 6 deployment, we have confirmed compatibility with the Cisco 9130AXI and comparable models from other vendors such as Aruba. Please check with your local BARTEC sales representative for compatible devices.