BARTEC

EXgate®

Communication enclosure
Datasheet

The BARTEC EXgate® Communication enclosure makes it easy to deploy IIoT in hazardous areas, zone 1 and zone 2. This enclosure can be used for all types of WiFi, Bluetooth®, 4G/5G/signal repeaters and gateways with internal or external antennas that fit in the available sizing options.

The design of EXgate® makes the unit easy to install and use and allows for simple solutions within numerous different applications. The enclosures are fully assembled according to clients demands.

The EXgate® are designed to meet the harsh environments of the North Sea, and are ideal for Petrochemical and Marine applications as well as for all kind of industry where an explosive atmosphere may be present.

EXgate® Ex d enclosures allow for utilization of   standard electrical components. Subsequent replacement and maintenance of installed components is thus easy.

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

The client receives a complete system including user manual, part list, wiring diagram and an EU-Declaration of Conformity for ATEX certified solutions.

Features:
– Small SS316L enclosure with low weight certified for use in hazardous areas zone 1 and zone 2.
– Radio frequency transparent dome.
– Easy ceiling or wall mounting with supplied bracket.
– Offered in different sizes for fitment of wide range of electrical equipment.
– Three M25 entries give a flexible connection method with glands or connector. Supports equipment with Ethernet, POE, fiber and/or power only. Built in battery on request.
– Build on field proven experience from the TNXCD product.

Typical applications

Access points (WiFi), signal repeaters, Gateways (Bluetooth®, LoRa® etc.), IoT devices, PTZ camera, etc. If you should have a need our sales staff will be pleased to advise.

Explosion protection

Marking	Ex II 2 G / D, Ex d IIC T6-T4
Certification	ATEX: DNV-2004-OSL-ATEX-0115 Standards: EN/IEC: 60079-0, 60079-1, 60079-7
	Other approvals and certificates, see bartec.com

Technical data

Material	Stainless steel 316L / CF3M / Polycarbonate
Temperature	Various, Max -50°C to + 60°C
IP Rating	IP66 (IP67 and IP68 upon request)
Dimensions	Available in diameter 155mm,195mm and 215mm, Height: 160mm for enclosure size 195mm
Weight	Approx. 8.0kg for size 195mm (including mounting bracket, excluding electrical device)