

ATEX Wi-Fi Complete Unit

for safe operations in hazardous areas

Wi-Fi Access System WAP ProSAFE Ex-series

The Ex-Machinery ProSAFE Ex-series are specially designed for hazardous areas. The units are of rigid construction, enclosure in epoxy coated steel or stainless steel grade 304. They allow reliable and explosion proof wireless connections in harsh environments. OmniX antenna's are pre-mounted on the access point. Simply plug and play!

Key Benefits:

- Zones 2 and 22 certified
- Light weight, compact
- Robust design; suitable for inside and outside purposes
- Easy wall or ceiling mounting
- Antennas are supplied pre-assembled
- Rugged IP66 construction

Applications

- Chemical plants
- Offshore
- Oil and energy
- Food industry
- Zone 2, 22

Standard based on Netgear equipment, other major brands like Aruba, or Zebra available on request.

Contact our ATEX Consultant for technical advice.



Equipment for Hazardous Areas

aruba



NETGEAR



Specifications

ATEX Wi-Fi Access System WAP ProSAFE Ex-series

Technical data:

Power Supply: PoE, 12/24 V DC
Frequency: Dual band, 2400-2500 /
5150-5850 MHz
Wire line: Cat6/FTP via RJ45 or
fibre optics
Antenna: 2 or 3 pre-assembled
antennas
ATEX: II 3G Ex nA IIC Gc /
II 3D Ex tc IIIC T135 Dc





Delivery including:

- ATEX marking
- Declaration of conformity category 3GD
- Installation instruction for hazardous areas
- Wall or ceiling mounting bracket
- Antenna cable

Contact us before you order

ATEX legislation is quite complicated. Use our expertise to choose the right solution for your hazardous area (dust or gas). So you are sure to purchase the best fit equipment.

 +31 (0)180 472880

 info@ex-machinery.com

Type	Zone	Input	Wire line	Data transfer	Frequency
ProSAFE-Ex/PoE 2x2	2 Gas / 22 Dust	11W/PoE*	CAT6/FTP	300/867 Mbps	2.4GHz / 5 GHz
ProSAFE-Ex/PoE 3x3	2 Gas / Dust 22	12.9 W/PoE*	CAT6/FTP	450/1300 Mbps	2.4GHz / 5 GHz
ProSAFE-Ex/PFO 2x2	2 Gas / Dust 22	11W/12V DC**	fibre optic	300/867 Mbps	2.4GHz / 5 GHz
ProSAFE-Ex/PFO 3x3	2 Gas / Dust 22	12.9 W/12V DC**	fibre optic	450/1300 Mbps	2.4GHz / 5 GHz
ProSAFE-Ex/PC 2x2	2 Gas / Dust 22	11W/12V DC**	CAT6/FTP	300/867 Mbps	2.4GHz / 5 GHz
ProSAFE-Ex/PC 3x3	2 Gas / Dust 22	12.9 W/12V DC**	CAT6/FTP	450/1300 Mbps	2.4GHz / 5 GHz

* Power over Ethernet ** External Power



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