

ATEX Wi-Fi Access Point

for safe operations in hazardous areas

Wi-Fi Access Point WAP Ex-series

The Ex-Machinery WAP Ex-series are specially designed for hazardous areas. The units are of rigid construction, enclosure in epoxy coated steel or stainless steel grade 304.

Our ATEX access points allow reliable and explosion proof wireless communications in harsh environments. Our access points can be combined with external antennas of our OmniX Series.

Key Benefits:

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

Applications

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

Available for all major brands of access points like **Cisco**, **Zebra** and **Netgear**.

Contact our ATEX Consultant for technical advice.



Equipment for Hazardous Areas



NETGEAR



Specifications

ATEX Wi-Fi Access Point WAP 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 external 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.

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

* Power over Ethernet ** External Power



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