

WirEx-Dome / WirEx-Tower

Ex approved Wireless Accesspoint as Dome or Tower Version
in flameproof special-glass-enclosure

Ex-d Accesspoint



- For Gas- and Dust Ex, Zone 1/2/21/22
- Latest Technique
- Assembly with LAN line bushing
- Customized configuration possible
- Very robust structure
- High chemical resistance

Description

The Ex approved accesspoints are available in different enclosure sizes and configurations for wall- or ceiling mounting as dome or tower version

As standard there are installed the latest and powerful accesspoints.

Advantage is the installation of standard components, without usage of expensive Ex-Antennas and Ex-i bushings.

The accesspoints are ready-to-use and equipped with a CAT-7 line-bushing with 10m cable (optional customisable).

It is always possible to realize customer demands and to install access points from other manufacturers as well as other radio systems, 2G, 3G or 4G.

Typical applications are WIFI applications in industrial halls with Ex-zones, offshore, production and filling plants.



Possible application

- Petro chemistry / Refinery / Offshore
- Wastewater industry / Sewage treatment
- Shipbuilding / Tanker
- Tank farm / Filling station
- Ex-manufacturing plant

Technical Data


| | |
|---------------------|---|
| Material: | Aluminium die cast with tube or dome of special glass |
| Dimension: | Pls. see details |
| Ingress protection: | IP 66 |
| Impact resistance: | 7 Joule |
| Temperature range: | -10(-30)...+50°C |
| Weight: | Pls. see details |

Certificates

ATEX, Zone 1 / 2 / 21 / 22

Marking

 II 2G Ex db IIC T6/T5

 II 2D Ex db IIIC T120°C

Options:

- Customized configuration
- With integrated PoE Adaptor
- Accesspoints of other manufacturers possible
- Radio and company communication
- Customized cables and length for linebushing
- Safety guard
- Brackets for walls, sealing or poles
- For Tower-Version: different heights of enclosures up to 1000mm.

Do not hesitate and ask for your configuration.

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[Technical data in detail:](#)

| | WirEx-Dome | WirEx-Tower |
|------------------------------------|---|---|
| |  |  |
| Simultaneous Dual Band 2,4 / 5 GHz | ✓ | ✓ |
| 2,4 GHz Radio Rate: | 300 Mbps | 300 Mbps |
| 2,4 GHz MIMO: | 2x2 | 2x2 |
| 5 GHz Radio Rate: | 867 Mbps | 867 Mbps |
| 5 GHz MIMO: | 2x2 | 2x2 |
| Mesh technology: | ✗ | ✓ |
| Power Save: | ✓ | ✓ |
| Max. power consumption: | 6,5W | 8,5W |
| Ethernet Ports: | 1x 10/100/1000 | 1x 10/100/1000 |
| PoE Mode: | 802.3af/A PoE 24V Passive PoE | 802.3af/A PoE 24V Passive PoE |
| Max TX Power 2,4 / 5 GHz: | 24/22 dBm | 20 dBm |
| Antennas: | 2x dual-band | 2 dual-band omni |
| 2,4 GHz | 3 dBi | 3 dBi |
| 5 GHz | 3 dBi | 4 dBi |
| Wi-Fi Standards: | 802.11 a/b/g/n/ac | 802.11 a/b/g/n/ac |
| Wireless Security: | WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES) | WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES) |
| BSSID: | Up to 8 per Radio | Up to 8 per Radio |
| VLAN | 802.1Q | 802.1Q |
| Clients: | 250+ | 250+ |
| Temperature range: | -10...+50°C | -30...+50°C |
| Dimension (WxHxD): | 307x330x170mm | 191x150x470mm |
| Weight: | 7,7 Kg | 6,0Kg |