

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 Quintex 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