ExNor AS

Rugged and explosion proof
electrical equipment

# EXAP2700_3A - Access point enclosure
3 WIFI antennas 2.4GHz

Protection mode:

Type of protection:	2G Ex d IIB
Class of temperature:	T5
Protection degree:	IP65
Ambient Temp :	-20/+40°C
Zones :	1-2

Access point **Cisco® Aironet® 2700** enclosure permit connection by radio to your WIFI networks (2.4GHz frequency) on your hazardous area environments.

Reference:

EXAP2700_3A

3 ATEX antennas 2.4Ghz

Cisco Aironet 2700e Access Point
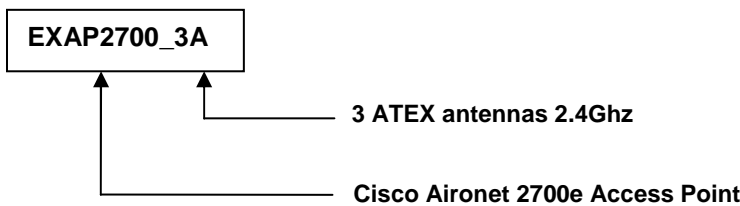
Furniture:

Housing	CCF7G, ATEX 2G Ex d IIB IP65 enclosure *(ext. dim 400x500x200mm)*
Antennas	3 x ATEX Ex d antennas 2.4Ghz WIFI (CTM-2400-TR) + cable Antennas are omni-directional with 2.0 dBi gain. Max power 2W
Cable entries	**2 entries:** 1 nickel plated brass cable gland size ½" NPT unarmoured (+kit seal 5.5 to 13mm) 1 plug ½"
Inside	**Cisco Aironet 2700e Access Point**

*Cisco Aironet 2700e Access Point: Indoor environments, with external antennas
AIR-CAP2702E-**x**-K9: Dual-band, controller-based 802.11a/g/n/ac

*Note 1: Customers are responsible for verifying approval for use in their individual countries. To verify approval and to identify the regulatory domain that corresponds to a particular country, visit http://www.cisco.com/go/aironet/compliance
Regulatory domain 'E' supply in standard on list link above.
*Note 2: Access point mounted at customer's charge. Take care to mount access point by a professional.

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Input power requirements
● AP2700: 44 to 57 VDC
● Power supply and power injector: 100 to 240 VAC; 50 to 60 Hz

Power draw
● AP2700: 15W

Powering options
● 802.3at PoE+
● Enhanced PoE
● Cisco AP2700 power injectors (AIR-PWRINJ4=)
● Cisco AP2700 local power supply (AIR-PWR-B=)
NOTA: If 802.3af PoE is the source of power, the access point will dynamically shift from 3x4 to 3x3 and come up under PoE.

IEEE standards
● IEEE 802.11a/b/g, 802.11n, 802.11h, 802.11d
● IEEE 802.11ac Draft 5

Security
● 802.11i, Wi-Fi Protected Access 2 (WPA2), WPA
● 802.1X
● Advanced Encryption Standards (AES), Temporal Key Integrity Protocol (TKIP)

Extensible Authentication Protocol (EAP) types:
● EAP-Transport Layer Security (TLS)
● EAP-Tunneled TLS (TTLS) or Microsoft Challenge Handshake Authentication Protocol Version 2 (MSCHAPv2)
● Protected EAP (PEAP) v0 or EAP-MSCHAPv2
● EAP-Flexible Authentication via Secure Tunneling (FAST)
● PEAP v1 or EAP-Generic Token Card (GTC)
● EAP-Subscriber Identity Module (SIM)

Interfaces
● 2x10/100/1000BASE-T autosensing (RJ-45)
● Management console port (RJ-45)

Indicators
Status LED indicates boot loader status, association status, operating status, boot loader warnings, boot loader errors

Dimensions (W x L x H)
Access point 221 x 221 x 51 mm

Environmental Cisco Aironet 2700e
● Non-operating (storage) temperature: -30° to +70°C
● Non-operating (storage) altitude test: 25˚C, 15,000 ft.
● Operating temperature: -25° to +50°C
● Operating humidity: 10% to 90% percent (noncondensing)
● Operating altitude test: 40˚C, 9843 ft.

System memory
● 512 MB DRAM
● 64 MB flash