



## EXAP3700\_4A - Access point enclosure MIMO 4 WIFI antennas 2.4GHz

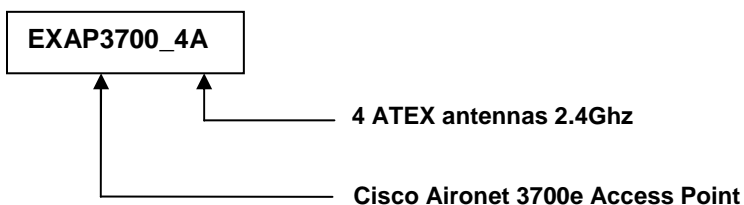
### Protection mode:

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



Access point **Cisco® Aironet® 3700** enclosure permit connection by radio to your WIFI networks (2.4GHz frequency) on your hazardous area environments with MIMO and High Density Experience (HD Experience) technologies.

### Reference:



### Furniture:

<b>Housing</b>	CCF7G, ATEX 2G Ex d IIB IP65 enclosure (ext. dim 400x500x200mm)
<b>Antennas</b>	4 x ATEX Ex d antennas 2.4Ghz WIFI (CTM-2400-TR) + cable Antennas are omni-directional with 2.0 dBi gain. Max power 2W
<b>Cable entries</b>	<b>2 entries:</b> 1 nickel plated brass cable gland size ½" NPT unarmoured (+kit seal 5.5 to 13mm) 1 plug ½"
<b>Inside</b>	<b>Cisco Aironet 3700e Access Point</b>

**\*Cisco Aironet 3700e Access Point: Indoor environments, with external antennas**  
 AIR-CAP3702E-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

- AP3700: 44 to 57 VDC
- Power supply and power injector: 100 to 240 VAC; 50 to 60 Hz

### Power draw

- AP3700 (no external module installed) : 4x4:3 / 16.1W E-PoE and 802.3at PoE+PWRINJ4

### 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

- 10/100/1000BASE-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 54 mm

### Environmental Cisco Aironet 3700e

- 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