



## EXAP2800\_4A – Coffret access point 4 antennes WIFI DUAL BAND

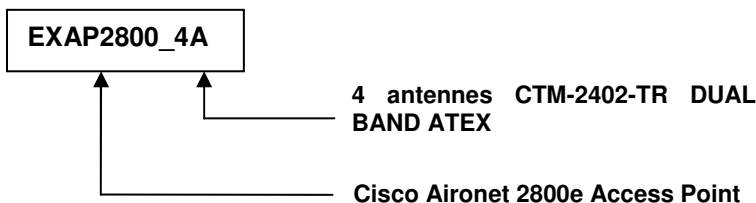
### Mode de protection:

Type de protection: 2G Ex d IIB  
 Classe de température: T5  
 Indice de protection: IP65  
 Temp ambiante : -20/+40°C  
 Zones : 1-2



Les coffrets Access point **Cisco® Aironet® 2800** permettent la connexion par radio aux réseaux WIFI 2.4GHz/5GHz en environnements à risques d'explosions (ATEX).

### Référence:



### Coffret:

<b>Enveloppe</b>	Coffret CCF7G, ATEX 2G Ex d IIB IP65 (ext. dim 400x500x200mm)
<b>Antennes</b>	4 x antennes 2.4Ghz WIFI ATEX Ex d (CTM-2402-TR) + cable Antennse omnidirectionneles avec gain de 2,0 dBi. Puissance max 2W.
<b>Entrées de câbles</b>	<b>2 entrées:</b> 1 presse-étoupe 1/2" NPT laiton nickelé pour câble non armé (+kit joints 5.5 à 13mm) 1 bouchon 1/2"
<b>A l'intérieur</b>	<b>Cisco Aironet 2800e Access Point</b>



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<b>Optimized access point roaming</b>	Helps ensure that client devices associate with the access point in their coverage range that offers the fastest data rate available.
<b>Zero Impact Application Visibility and Control</b>	Leverages dedicated hardware acceleration to improve performance of line speed applications such as Application Visibility and Control.
<b>Flexible Radio Assignment</b>	Allows the access points to intelligently determine the operating mode of serving radios based the RF environment. The access points can operate in the following modes: <ul style="list-style-type: none"> <li>● <b>2.4GHz and 5GHz Mode</b>, one radio will serve clients in 2.4GHz mode, while the other serves clients in 5GHz mode.</li> <li>● <b>Dual 5GHz Mode</b>, both radios inside the access point to operate on the 5GHz band, maximizing the benefits of 802.11ac wave 2 and increase client device capacity.</li> <li>● <b>Security Monitoring and 5GHz Mode</b>, One radio will serve 5GHz clients, while the other radio is scanning the full spectrum for WiPS attackers, cleanAir interferers, and rogue devices.</li> <li>● <b>Wireless Service Assurance Mode</b>, One radio will serve 5GHz clients, while the other radio is proactivity monitoring the wireless network to ensure the highest overall performance.</li> </ul>
<b>Dual 5GHz Radio Support</b>	Enables both radios to operate in 5GHz client serving mode, allowing an industry leading 5.2Gbps (2 x 2.6Gbps) over the air speeds while increase client capacity.
<b>Smart antenna connector</b>	An intelligent second physical antenna connector is included on 3800 Series models with an external antenna. This connector provides advanced network design flexibility for high-density and large open-area environments such as auditoriums, convention centers, libraries, cafeteria, and arenas/stadiums, allowing two sets of antennas to be connected and active on a single access point.
<b>Auto LAG Support -</b>	802.3ad (LACP) compliant allowing both Gigabit Ethernet interfaces to automatically LAG increasing overall throughput to the access point
<b>ClientLink 4.0</b>	Cisco ClientLink 4.0 technology to improve downlink performance to all mobile devices, including one-, two-, and three-spatial-stream devices on 802.11a/b/g/n/ac while improving battery life on mobile devices such as smartphones and tablets.
<b>CleanAir 160MHz</b>	Cisco CleanAir technology enhanced with 160MHz Channel Support, provides proactive, high-speed spectrum intelligence across 20-, 40-, 80-, or 160-MHz-wide channels to combat performance problems due to wireless interference.

Item	Specification
<b>Part numbers</b>	<p><b>Cisco Aironet 2800e Access Point: Indoor, challenging environments, with external antennas</b></p> <ul style="list-style-type: none"> <li>● AIR-AP2802E-x-K9: Dual-band controller-based 802.11a/g/n/ac</li> </ul> <p><b>Regulatory domains: (x = regulatory domain)</b></p> <p>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 <a href="http://www.cisco.com/go/aironet/compliance">http://www.cisco.com/go/aironet/compliance</a>.</p> <p>Not all regulatory domains have been approved. As they are approved, the part numbers will be available on the Global Price List.</p> <p><b>Cisco Wireless LAN Services</b></p> <ul style="list-style-type: none"> <li>● AS-WLAN-CNSLT: Cisco Wireless LAN Network Planning and Design Service</li> <li>● AS-WLAN-CNSLT: Cisco Wireless LAN 802.11n Migration Service</li> <li>● AS-WLAN-CNSLT: Cisco Wireless LAN Performance and Security Assessment Service</li> </ul>
<b>Software</b>	Cisco Unified Wireless Network Software Release TBD or later



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### Item

Supported wireless LAN controllers

### Specification

- Cisco 2500 Series Wireless Controllers, Cisco Wireless Controller Module for ISR G2, Cisco Wireless Services Module 2 (WiSM2) for Catalyst® 6500 Series Switches, Cisco 5500 Series Wireless Controllers, Cisco Flex® 7500 Series Wireless Controllers, Cisco 8500 Series Wireless Controllers, Cisco Virtual Wireless Controller
- Cisco Catalyst 3850 Series Switches, Cisco Catalyst 3650 Series Switches

802.11n version 2.0 (and related) capabilities

- 4x4 MIMO with three spatial streams
- Maximal ratio combining (MRC)
- 802.11n and 802.11a/g beamforming
- 20- and 40-MHz channels
- PHY data rates up to 450 Mbps (40 MHz with 5 GHz)
- Packet aggregation: A-MPDU (Tx/Rx), A-MSDU (Tx/Rx)
- 802.11 dynamic frequency selection (DFS)
- Cyclic shift diversity (CSD) support

802.11ac Wave 1 capabilities

- 4x4 MIMO with three spatial streams
- MRC
- 802.11ac beamforming
- 20-, 40-, and 80-MHz channels
- PHY data rates up to 1.3 Gbps (80 MHz in 5 GHz)
- Packet aggregation: A-MPDU (Tx/Rx), A-MSDU (Tx/Rx)
- 802.11 DFS
- CSD support

802.11ac Wave 2 capabilities

- 4x4 MU-MIMO with three spatial streams
- MRC
- 802.11ac beamforming
- 20-, 40-, 80, 160-MHz channels
- PHY data rates up to 5.2 Gbps
- Packet aggregation: A-MPDU (Tx/Rx), A-MSDU (Tx/Rx)
- 802.11 DFS
- CSD support

Interfaces

- 2802I/E
  - 2x100/1000BASE-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 (without mounting brackets): 2802I: 8.66" x 8.68" x 2.17",