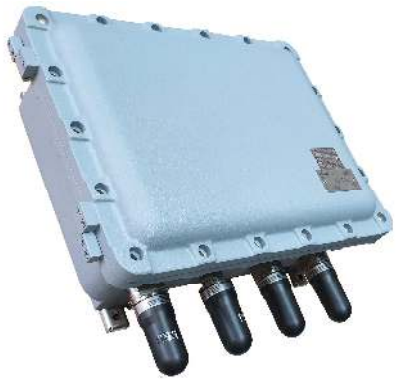
atexSystem

Concepteur et réalisateur de solutions électrique ATEX

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:

EXAP2800_4A

- **4 antennes CTM-2402-TR DUAL BAND ATEX**
- **Cisco Aironet 2800e Access Point**

Coffret:

Enveloppe	Coffret CCF7G, ATEX 2G Ex d IIB IP65 *(ext. dim 400x500x200mm)*
Antennes	4 x antennes 2.4Ghz WIFI ATEX Ex d (CTM-2402-TR) + cable Antennse omnidirectionnelels avec gain de 2,0 dBi. Puissance max 2W.
Entrées de câbles	**2 entrées:** 1 presse-étoupe ½" NPT laiton nickelé pour câble non armé (+kit joints 5.5 à 13mm) 1 bouchon ½"
A l'intérieur	**Cisco Aironet 2800e Access Point**

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Optimized access point roaming	Helps ensure that client devices associate with the access point in their coverage range that offers the fastest data rate available.
Zero Impact Application Visibility and Control	Leverages dedicated hardware acceleration to improve performance of line speed applications such as Application Visibility and Control.
Flexible Radio Assignment	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: ● **2.4GHz and 5GHz Mode,** one radio will serve clients in 2.4GHz mode, while the other serves clients in 5GHz mode. ● **Dual 5GHz Mode,** 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. ● **Security Monitoring and 5GHz Mode,** One radio will serve 5GHz clients, while the other radio is scanning the full spectrum for wIPS attackers, cleanAir interferers, and rogue devices. ● **Wireless Service Assurance Mode,** One radio will serve 5GHz clients, while the other radio is proactivity monitoring the wireless network to ensure the highest overall performance.
Dual 5GHz Radio Support	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.
Smart antenna connector	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.
Auto LAG Support -	802.3ad (LACP) compliant allowing both Gigabit Ethernet interfaces to automatically LAG increasing overall throughput to the access point
ClientLink 4.0	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.
CleanAir 160MHz	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**
Part numbers	**Cisco Aironet 2800e Access Point: Indoor, challenging environments, with external antennas** ● AIR-AP2802E-**x**-K9: Dual-band controller-based 802.11a/g/n/ac **Regulatory domains: (x = regulatory domain)** 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. Not all regulatory domains have been approved. As they are approved, the part numbers will be available on the Global Price List. **Cisco Wireless LAN Services** ● AS-WLAN-CNSLT: Cisco Wireless LAN Network Planning and Design Service ● AS-WLAN-CNSLT: Cisco Wireless LAN 802.11n Migration Service ● AS-WLAN-CNSLT: Cisco Wireless LAN Performance and Security Assessment Service
Software	Cisco Unified Wireless Network Software Release TBD or later

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Supported wireless LAN controllers	● 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”,