



## **Cisco 2504 Wireless Controller for up to 15 Cisco Access Points**



The Cisco 2500 Series Wireless Controller enables system wide wireless functions in small to medium-sized enterprises and branch offices. Designed for 802.11n performance, Cisco 2500 Series Wireless Controllers are entry-level controllers that provide real-time communication between Cisco Aironet access points to simplify the deployment and operation of wireless networks.

<b>Router Type</b>	Wireless
<b>Wireless LAN Standards:</b>	IEEE 802.11 a b d e g h n
<b>LAN Ports</b>	4 port(s) x RJ-45 10/100/1000Mbps Ethernet
<b>Dimensions</b>	27.15cm (W) x 20.32cm (D) x 4.39cm (H) - Weight 1.58kg

### **Features**

- \* Supports 5, 15, 25, or 50 access points
- \* Wired-network speed and nonblocking performance for 802.11n networks
- \* Provides both real-time and historical information about RF interference impacting network performance across controllers, via systemwide Cisco CleanAir technology integration
- \* Offers CAPWAP-compliant Datagram Transport Layer Security (DTLS) encryption to help ensure full-line-rate encryption between access points and controllers across remote WAN/LAN links
- \* Supports Unified Communications for improved collaboration through messaging, presence, and conferencing. Supports all Cisco Unified Communications Wireless IP Phones for cost-effective, real-time voice services
- \* Integrates Cisco VideoStream technology as part of the Cisco medianet framework to optimize the delivery of video applications across the WLAN
- \* Part of Payment Card Industry (PCI) certified architecture, and are well-suited for retail customers who deploy transactional data applications such as scanners and kiosks
- \* Organizations may choose to turn off access point radios to reduce power consumption during off-peak hours

### **Specification**

#### **General**

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### Information

We have very limited data about this product. Please contact us from more information.

### Router

Router Type Wireless

### Wireless LAN

Wireless LAN Standards: IEEE 802.11 a b d e g h n

### Security

Security WiFi Protected Access (WPA) IEEE 802.11i (WPA2, RSN) RFC 1321 MD5 Message-Digest Algorithm RFC 1851 The ESP Triple DES Transform RFC 2104 HMAC: Keyed Hashing for Message Authentication RFC 2246 TLS Protocol Version 1.0 RFC 2401 Security Architecture for the Internet Protocol RFC 2403 HMAC-MD5-96 within ESP and AH RFC 2404 HMAC-SHA-1-96 within ESP and AH RFC 2405 ESP DES-CBC Cipher Algorithm with Explicit IV RFC 2406 IP Encapsulating Security Payload (ESP) RFC 2407 Interpretation for ISAKMP RFC 2408 ISAKMP RFC 2409 IKE RFC 2451 ESP CBC-Mode Cipher Algorithms RFC 3280 Internet X.509 PKI Certificate and CRL Profile RFC 3602 The AES-CBC Cipher Algorithm and Its Use with IPsec RFC 3686 Using AES Counter Mode with IPsec ESP RFC 4347 Datagram Transport Layer Security RFC 4346 TLS Protocol Version 1.1

### Ethernet

Ethernet Standards IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX specification, 1000BASE-T, and IEEE 802.1Q VLAN tagging

### Interfaces Ports

LAN Ports 4 port(s) x RJ-45 10/100/1000Mbps Ethernet  
Console Port 1 x RJ-45

### Compliance

Safety UL 60950-1, 2nd Edition EN 60950:2005



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EMI	U.S.: FCC Part 15.107 and 15.109 Canada: ICES-003 Japan: VCCI Europe: EN 55022, EN 55024
<b>System</b>	
Management	SNMP v1, v2c, v3 RFC 854 Telnet RFC 1155 Management Information for TCP/IP-Based Internets RFC 1156 MIB RFC 1157 SNMP RFC 1213 SNMP MIB II RFC 1350 TFTP RFC 1643 Ethernet MIB RFC 2030 SNMP RFC 2616 HTTP RFC 2665 Ethernet-Like Interface types MIB RFC 2674 Definitions of Managed Objects for Bridges with Traffic Classes, Multicast Filtering, and Virtual Extensions RFC 2819 RMON MIB RFC 2863 Interfaces Group MIB RFC 3164 Syslog RFC 3414 User-Based Security Model (USM) for SNMPv3 RFC 3418 MIB for SNMP RFC 3636 Definitions of Managed Objects for IEEE 802.3 MAUs Cisco private MIBs
<b>Environmental</b>	
Environmental	Humidity 10 to 95% Operating Temperature 0 to 40C
<b>Electrical</b>	
Voltage/Power/Frequency	100 to 240VAC / 50 to 60Hz
<b>Physical</b>	
LED Status Indicators	LED indicators: Link Activity (each 1G port), Power, Status, Alarm
Dimensions	27.15cm (W) x 20.32cm (D) x 4.39cm (H) - Weight 1.58kg



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### **About Memory Express**

Although we started out selling just Memory the best part of fifteen years ago, we have diversified organically over the years at the request of our customers. We specialise in Networking, Storage and Disaster Recovery and have the knowledge, experience and strategic partnerships to provide you with the service and value you demand - quality products, reasonably priced and delivered on time.

Memory Express can offer you a full range of installation and configuration services for hardware and software as well as detailed, accurate advice on all aspects of your IT projects. You'll be glad to know that we don't have a room full of school leavers trying to sell products they don't understand - all our staff are seasoned IT specialists and have an average length of service of over ten years. We won't just push you towards the solution we feel like selling; we'll help you to find the one you need.

Meanwhile, online, we offer one of the largest product ranges of any UK IT supplier. Showing near live stock, in depth product information and keen pricing, we're sure you'll find what you need. We also have matched memory upgrades for over 50,000 models of computer, server, printer, phone and camera, guaranteeing you the right memory, first time. All this is backed up by the same great service you'd expect when dealing with us over the phone. For our regular business customers, we provide T3, our corporate purchasing portal which provides a truly corporate focused buying experience.

We're conveniently located in Park Royal, London's Technology Business Park, allowing us to reach all areas of the UK quickly and efficiently. Many of our City based corporate clients benefit from same day delivery and we can offer next day delivery to established customers throughout the British Isles. Online delivery tracking and status information means that you need not worry about the whereabouts of your order.

We're proud to have built up a wide variety of partnerships with quality vendors and many of our staff hold certifications from top tier manufacturers including Microsoft, Acronis, Symantec and VMWare.

Our clients vary in size from SMEs to many of the UK's largest corporates, government departments, schools and universities, and we're pleased to say that most have been our customers for many, many years - we believe in long term business relationships, not turning a quick profit. Why not contact us now to see how we can help you get the quality of service they already enjoy?