

## Introducing the New Cisco ME 3400-24FS AC Ethernet Access Switch

PB424370

### Product Overview

The Cisco® ME 3400-24FS AC Ethernet Access Switch is a new member of the Cisco ME 3400 Series of next-generation switches, customer-located equipment especially for triple-play (data, voice, and video) Layer 2 and Layer 3 VPN services. The Cisco ME 3400-24FS AC Switch is for service providers that want to offer Ethernet Fiber-To-The-Home (E-FTTH) services. Equipped with 24 100-Mbps Small Form-Factor Pluggable (SFP) interfaces, the Cisco ME 3400-24FS AC supports multiple types of optical modules including FX, SX, and BX. Together with the Cisco Catalyst® 4500 Series, the Cisco ME 3400-24FS AC offers options for high-density and low-density deployments. The ME 3400-24FS AC supports the same advance software as the rest of Cisco ME 3400 series. With both Ethernet operations, administration, maintenance, and provisioning (OAM&P) features for remote monitoring and troubleshooting and the most complete security solution, the ME 3400-24FS AC provides the best solution for E-FTTH deployments. Table 1 provides brief descriptions of the Cisco ME 3400-24FS AC Switch and options.

**Table 1.** Cisco ME 3400-24FS AC Ethernet Access Switch and Software Feature Images

Product Name (Part Number)	Description
<b>Cisco ME 3400-24FS AC Ethernet Access Switch (ME-3400-24FS-A)</b>	<ul style="list-style-type: none"> <li>• 24 Ethernet 100Mbps SFP ports</li> <li>• 2 SFP-based Gigabit Ethernet and 100BASE-X ports</li> <li>• AC power supplies</li> <li>• 6.5-mpps forwarding rate</li> <li>• 1 rack unit multilayer switch</li> <li>• Purpose-built Ethernet access switch for low-density E-FTTH deployments</li> <li>• 3 Cisco IOS® Software feature image options (METROBASE, METROACCESS, and METROIPACCESS)</li> </ul>
<b>Cisco ME 3400 Series METROBASE Software Feature Image (S340XB-12240SE)</b>	<ul style="list-style-type: none"> <li>• Standard Layer 2 feature image for triple-play services</li> <li>• Advanced QoS: Ingress policing and egress shaping</li> <li>• Robust multicast: IGMP filtering and throttling and Multicast VLAN Registration (MVR)</li> <li>• Complete security solution: User-Network Interface/Network-Node Interface (UNI/NNI), Control Plane Security, and Configuration File Security</li> </ul>
<b>Cisco ME 3400 Series METROACCESS Software Feature Image (S340XA-12240SE)</b>	<ul style="list-style-type: none"> <li>• Enhanced Layer 2 feature images for premium triple-play services and Layer 2 VPN services</li> <li>• Advanced Layer 2 Tunneling: 802.1q tunneling and Layer 2 Protocol Tunneling (L2PT)</li> <li>• Industry-standard Layer 2 management: 802.1ag (CFM) and E-LMI</li> <li>• Fast convergence: Flex-Link, Link-State Tracking, Resilient Ethernet Protocol (REP)</li> </ul>
<b>Cisco ME 3400 Series METROIPACCESS Software Feature Image (S340XI-12240SE)</b>	<ul style="list-style-type: none"> <li>• Layer 3 feature images for Layer 3 VPN services</li> <li>• IP routing (RIP versions 1 and 2, EIGRP, OSPF, IS-IS, and BGPv4)</li> <li>• Secured Layer 3: Multi-VRF CE, Multicast within VRF</li> <li>• Enhanced routing: Policy Based Routing</li> </ul>
<b>Upgrade Kit for METROACCESS from METROBASE (CD-ME3400-B2A=)</b>	METROACCESS image upgrade kit from METROBASE image

Product Name (Part Number)	Description
<b>Upgrade Kit for METROIPACCESS from METROBASE (CD-ME3400-B2I=)</b>	METROIPACCESS image upgrade kit from METROBASE image
<b>Upgrade Kit for METROIPACCESS from METROACCESS (CD-ME3400-A2I=)</b>	METROIPACCESS image upgrade kit from METROACCESS image

## Key Features

### Hardware

- Compact form factor for easy deployment
- All-front access connectors to simplify troubleshooting in the field
- 100-Mbps SFP interfaces to support flexible optical modules
- Network Equipment Building Standards Level 3 (NEBS3) certification and European Telecommunications Standards Institute (ETSI) certification

### Software

- Mission-specific software designed for the Ethernet access application
- Support for multiple software images to provide a “pay-as-you-grow” deployment model
- New UNI/NNI port types to simplify management, deployment, and troubleshooting
- Industry standard OAM&P features (802.1ag, 802.3ah, E-LMI)
- Complete security solution to protect subscribers, switches, and network

### Availability

The new Cisco ME 3400-24FS AC Switch begins shipping in September 2007.

### For More Information

For more information about the Cisco ME 3400 Series, visit

<http://www.cisco.com/en/US/products/ps6580/index.html>, contact your local Cisco account representative, or write to [ask-me3400-pm@cisco.com](mailto:ask-me3400-pm@cisco.com).



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