

Cisco Media Delivery Engine 10XVB Data Sheet

Product Overview

The Cisco® Media Delivery Engine 10XVB (MDE 10XVB) is a flexible software form factor for running on VMware ESXi virtual environments as a streaming engine function for the Cisco Enterprise Content Delivery System (ECDS). The Cisco ECDS is a media-delivery system that helps organizations easily scale video and media delivery over their existing WAN infrastructure. The Cisco MDE 501VB supports the Streaming Engine function of ECDS.

The Cisco MDE 10XVB is ideal for small-site deployments on generic x86 hardware platforms that require up to 200 simultaneous clients for media delivery and up to 100-Mbps total throughput. It is also a good choice for deployments at locations with limited rack space. The Cisco MDE 10XVB comes with options for licensing starting from 10-Mbps throughput to 100-Mbps throughput.

The Cisco MDE 10XVB is supported on ESXi virtual environments running on appropriate x86- based hardware configurations.

Features and Benefits

Table 1 lists the features and benefits of the Cisco MDE 10XVB.

Table 1. Cisco MDE 10XVB Features and Benefits

Feature	Benefit
Stream splitting Unicast-to-multicast conversion	Enables scalable, live video delivery over nonmulticast-enabled WAN
Content prepositioning	Uses off-hours bandwidth and delivers consistent experience for video and other applications
Dynamic caching	Reduces WAN usage for media that is not prepositioned earlier
Software-only footprint	Takes advantage of existing investment in Cisco Wide Area Application Services (WAAS) technology at smaller sites to take full advantage of both data and video optimizations

Product Specifications

Table 2 lists Cisco MDE 10XVB product specifications.

Table 2. Cisco MDE 10XVB Product Specifications

Feature	Specification
Size or form factor	Software on ESXi virtual environment
Hard drive	Flexible (based on Open Virtual Appliance (OVA) file specifications)
Memory	At least 2-GB for the virtual machine
Redundant Array of Independent Disks (RAID)	No
Data network interfaces	Virtual; two Gigabit Ethernet ports on hardware recommended
Other interfaces	None

Ordering Information

Table 3 lists ordering information.

Table 3. Cisco MDE 10XVB Ordering Information

Product Name	Part Number
Cisco Media Delivery Engine 10XVB on ESXi Virtual Machine	MDE-10XVB-K9
Cisco Media Delivery Engine 10XVB Base Software	MDE-10XVB-SW253-K9
Cisco Media Delivery Engine 10XVB Media License 10 Mbps/25 concurrent users	MDE-10XVB-ML1050
Cisco Media Delivery Engine 10XVB Media License 25 Mbps/100 concurrent users	MDE-10XVB-ML25100
Cisco Media Delivery Engine 10XVB Media License 50 Mbps/200 concurrent users	MDE-10XVB-ML50200
Cisco Media Delivery Engine 10XVB Media License 100 Mbps/200 concurrent users	MDE-10XVB-ML100200

Service and Support

Cisco and our partners provide a broad portfolio of smart, personalized services and support that can help you realize the full value of your video investment, and increase business agility and network availability. This portfolio of services encourages business transformation through a network-based collaboration platform that enables business to collaborate anywhere, anytime.

Cisco SMARTnet[®] Service, an award-winning technical support service, is available for Cisco MDE appliances and the Cisco ECDS solution. Cisco SMARTnet Service offers direct, anytime access to Cisco engineers and an extensive range of technical resources. The service delivers rapid problem resolution, flexible device-by-device coverage, and premium service options to help maximize operational efficiency.

For more information about these services, visit: <http://www.cisco.com/go/services/digitalmedia>.

For More Information

For more information about the Cisco Media Delivery Engine 10XVB, contact your local Cisco account representative or visit: <http://www.cisco.com/go/ecds>



Americas Headquarters
Cisco Systems, Inc.
San Jose, CA

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
Singapore

Europe Headquarters
Cisco Systems International BV Amsterdam,
The Netherlands

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