# 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 50IVB 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

Printed in USA

C78-704212-00   03/12