



Cisco Media Delivery Engine 50IVB

Product Overview

The Cisco® Media Delivery Engine 50IVB (MDE 50IVB) is a software-based application of the Cisco Enterprise Content Delivery System (ECDS) solution deployed on Cisco Services-Ready Engine (SRE) modules for the Cisco Integrated Services Routers Generation 2 (ISR G2). 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 50IVB is ideal for small-site deployments that require up to 200 simultaneous clients for media delivery and up to 100-Mbps total throughput as well as for deployments at locations with limited rack space. The Cisco MDE 50IVB comes with a base license of 25-Mbps throughput and up to 100 simultaneous streams. It is supported on Cisco UCS™ Express environments on Cisco SRE 900 and SRE 910 blades on Cisco ISR G2 routers.

Features and Benefits

Table 1 lists the features and benefits of the Cisco MDE 50IVB.

Table 1. Cisco MDE 50IVB Features and Benefits

Feature	Benefit
Stream splitting unicast to multicast conversion	Enables scalable live video delivery over non-multicast-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	Consolidates infrastructure at the branch office, offering flexible deployment options and maximizing existing network investments

Product Specifications

Table 2 lists Cisco MDE 50IVB product specifications.

Table 2. Cisco MDE 50IVB Product Specifications

Feature	Specification	
Size or form factor	Software on Cisco UCS Express for Cisco SRE 900	Software on Cisco UCS Express for Cisco SRE 910
Hard drive	500 GB to 1 TB	
Data network interfaces	Virtual (two Gigabit Ethernet)	
Other interfaces	None	

Ordering Information

Table 3 lists ordering information.

Table 3. Cisco MDE 50IVB Ordering Information

Product Name	Part Number
Media Delivery Engine 50IVB on UCS Express	MDE-50IVB-K9
Media Delivery Engine 50IVB Base Software	MDE-50IVB-SW253-K9
Media Delivery Engine 50IVB Media License 25 Mbps/100 concurrent users	MDE-50IVB-ML25-100
Media Delivery Engine 50IVB Media License 50 Mbps/200 concurrent users	MDE-50IVB-ML50-200
Media Delivery Engine 50IVB Media License 100 Mbps/200 concurrent users	MDE-50IVB-ML100-200

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 businesses 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, please visit: <http://www.cisco.com/go/services/digitalmedia>.

For More Information

For more information about the Cisco Media Delivery Engine 50IVB, visit or contact your local Cisco account representative.



Americas Headquarters
Cisco Systems, Inc.
San Jose, CA

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

Europe Headquarters
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