

# DATA SHEET

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EMD3000GE

# EMERALD® GE GATEWAY

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24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT [BLACKBOX.COM](http://BLACKBOX.COM)



**BLACK BOX®**

# OVERVIEW

## EMERALD GE GATEWAY DATA SHEET

### INTRODUCTION

Emerald® GE is the latest addition to the Black Box Emerald High-Performance KVM Switching and Extension system. It connects workstations with remote computers, servers, and virtual machines (VM) over an IP network.

Emerald GE introduces a shared mode feature for Virtual Machines, enabling simultaneous connections for up to 8 Emerald users on a single VM. Each Emerald GE unit can service up to 8 VMs (RDP, PCoIP, or PCoIP ultra), allowing for a total support capacity of up to 64 users.

Truly futureproof, Emerald GE is at the forefront of the trend of more and more control rooms adopting PCoIP.

Remote users connected via any type of Emerald receiver unit get a seamless, low-latency desktop experience that is no different when connecting to a physical computer or to a virtual machine.

Emerald GE simply connects to the Emerald IP network giving all Emerald users enhanced connectivity with VM sharing and physical machine access, saving the costs of VM clients.

### FEATURES

#### ▪ BETTER COLLABORATION - VM SHARING

KVM Gateway enables multiple users to work on the same virtual machine at the same time.

#### ▪ BEST REMOTE DESKTOP

Emerald supports RDP, PCoIP, and PCoIP Ultra protocols to deliver a seamless and secure remote user experience with high-definition video.

#### ▪ SIMPLIFIED WORKFLOWS

Users can connect to both physical computers and virtual machines with the same experience as a direct connection.

#### ▪ CENTRALIZED CONTROL

The system integrates with the Boxilla KVM Manager, allowing central access management and system monitoring.

#### ▪ COST-EFFICIENT REMOTE ACCESS

The system installs at any IP network node providing all authorized users VM sharing capabilities.

# SPECIFICATIONS

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### SPECIFICATIONS FOR EMERALD GE GATEWAY

FEATURE	SPECIFICATION
DUAL NETWORK PORTS	(2) CATx
VM SUPPORT	RDP and PCoIP
FRONT CONNECTORS	1 USB 3.2 Gen 2 port with PowerShare; 1 USB 3.2 Gen 2x2 Type-C® port; 1 Universal audio jack* 1 Microphone/Speaker audio port*
REAR CONNECTORS	2 RJ-45 Ethernet ports; 1 USB 3.2 Gen 1 port with Smart Power on; 2 USB 3.2 Gen 2 ports; 4 DisplayPort™ video*; 1 power-adaptor port;
DIMENSIONS	7.17"H x 1.42"W x 7.01"D (18.2 x 3.6 x 17.8 cm)
WEIGHT	2.5 lb. (1.13 kg)

\* Inactive



# PRODUCT IMAGE

## EMERALD GE GATEWAY DATA SHEET



FRONT VIEW



BACK VIEW

# WHAT'S INCLUDED

## EMERALD GE GATEWAY DATA SHEET

- (1) EMERALD GE GATEWAY
- (1) 19V, 90W AC-DC Power Adapter with Detachable Power Cord

# CONNECTION DIAGRAM

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