DATA SHEET

BXAMGR-R2

BOXILLA® 4.4 KVM MANAGER

24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT BLACKBOX.COM

BLACK BOX

OVERVIEW

BOXILLA 4.4 ENTERPRISE LEVEL KVM MANAGER DATA SHEET

INTRODUCTION

Boxilla® is an Enterprise Level KVM & AV/IT system management platform that works with Emerald Unified KVM (EMD4000T, EMD4000R, EMD2000SE-T, EMD2000SE-R, EMD2002SE-T, EMD2002SE-R, EMD200DV-T, EMD2000PE-T, EMD2000PE-R, EMD2002PE-T, EMD2002PE-R, EMD200DP-T) and DKM (multiple part numbers).

Boxilla provides a centralized, easy-to-use command center that gives you full monitoring and control of not just devices, but your entire system, all across the enterprise. Control user access. Monitor device status. Proactively diagnose and address network problems before they occur. Upgrade thousands of remote devices with one click, without ever leaving your seat, let alone the building.

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FEATURES

- **COMMAND CENTER DASHBOARD PROVIDES AN INSTANT SNAPSHOT OF THE KVM NETWORK**
- **MANAGE AN UNLIMITED NUMBER OF ENDPOINTS IN YOUR ENTERPRISE-LEVEL IP-BASED KVM SYSTEM**
- **CONTROL DEPLOYMENTS, MONITORING, UPGRADES, TROUBLESHOOTING, SECURITY, STATUS—EVERYTHING!**
- **USE WITH EMERALD TO PROVIDE A SOFTWARE BASED, FUTURE-PROOF SOLUTION**
- **PROVIDES MANAGEMENT AND UNLIMITED DEVICE SCALABILITY FOR EMERALD UNIFIED KVM AND DKM KVM SYSTEMS**
- **DEPLOY, MONITOR, AND MANAGE LARGE-SCALE ENTERPRISE SYSTEMS**
- **PROVIDES DEVICE DISCOVERY AND CONFIGURATION, USER AUTHENTICATION**
- **CENTRALIZED UPGRADE OF ENDPOINT DEVICES**
- **PERFORMANCE MONITORING**
- **PROVIDES ACTIVE DIRECTORY WITH SUPPORT FOR USERS AND SECURITY GROUPS**
- **SUPPORTS CONFIGURATION OF DNS SERVER SETTINGS FOR ACTIVE DIRECTORY**
- **PUSHES ALERT INFORMATION TO SYSLOG SERVER**
- **SUPPORTS NTP CLIENT**
- **UP TO 100 MANAGEMENT GROUPS**
- **SUPPORTS TIME ZONE CONFIGURATIONS**
- **INCLUDES SUPPORT FOR SMTP FOR SYSTEM ALERTS**
- **ZONES ENABLE THE ADMINISTRATOR TO SETUP UNIQUE ZONES (OR GROUPS) OF CONNECTIONS AND USERS SO THAT A LARGE SYSTEM CAN BE MORE EASILY MANAGED.**
- **SUPPORTS INTEROPERABILITY AMONG ALL EMERALD DEVICES, INCLUDING EMERALD SE/PE V6.0 , EMERALD 4K V1.4, AND BOXILLA 4.0.**
- **ENABLES BONDING OF ENDPOINTS**
- **HANDLES LACP**

SPECIFICATIONS

BOXILLA 4.4 ENTERPRISE LEVEL KVM MANAGER DATA SHEET

SPECIFICATIONS FOR BOXILLA — ENTERPRISE LEVEL KVM MANAGER (BXAMGR-R2)	
PROCESSOR SYSTEM	
FORM FACTOR	1U rackmount
ETHERNET	
GBE ETHERNET	(2) RJ-45 GbE ports
I/O	
USB	(2) external USB 2.0 ports
SERIAL	(1) RJ-45 console port (COM1); (1) internal 5x2 pin header (COM2)
POWER SUPPLY	
POWER	AC input: 100–240 V, 50–60 Hz
WATTS	1U single 250 W ATX Power Supply
MECHANICAL AND ENVIRONMENTAL	
LCD MODULE	(1) 16 x 2 LCM
KEYPAD	5-button keypad
LEDS	(1) Status LED (Yellow via programmable GPIO), (1) HDD LED (Red), (1) Power LED (Green)
OPERATING TEMPERATURE	32 to 104° F (0 to 40° C)
STORAGE TEMPERATURE	-4 to +167° F (-20 to +75° C)
HUMIDITY	10 to 85% relative humidity, non-operating, non-condensing
DIMENSIONS	1.7" H x 17.25" W x 17.5" D (4.3 x 43.8 x 44.5 cm)
WEIGHT	Unit: 12.6 lb. (5.7 kg)
APPROVALS AND COMPATIBILITY	
APPROVALS	CE, FCC, UL, RoHS2, BIS
COMPATIBILITY	Works with Emerald Unified KVM and Black Box DKM

WHAT'S INCLUDED/APPLICATION DIAGRAM

BOXILLA 4.4 ENTERPRISE LEVEL KVM MANAGER (BXAMGR-R2)

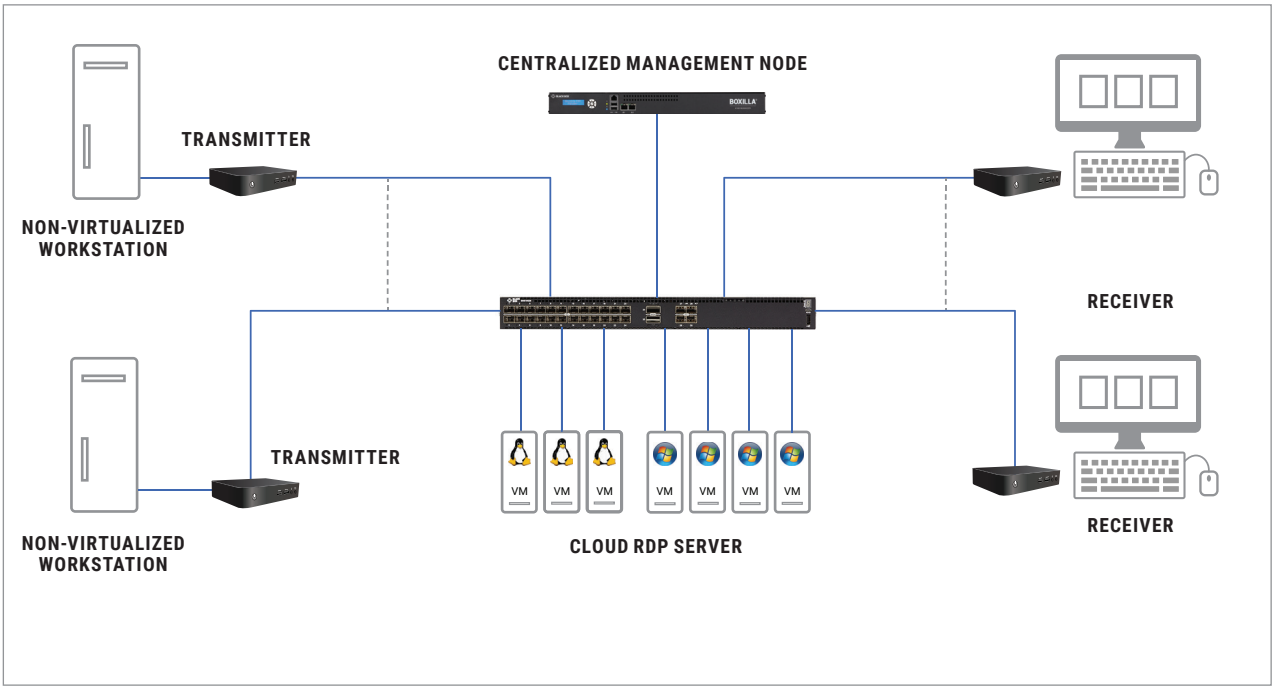
WHAT'S INCLUDED WITH THE BOXILLA (BXAMGR-R2)

- (1) BOXILLA — ENTERPRISE LEVEL KVM MANAGER
- (1) AC POWER CORD

FRONT VIEW

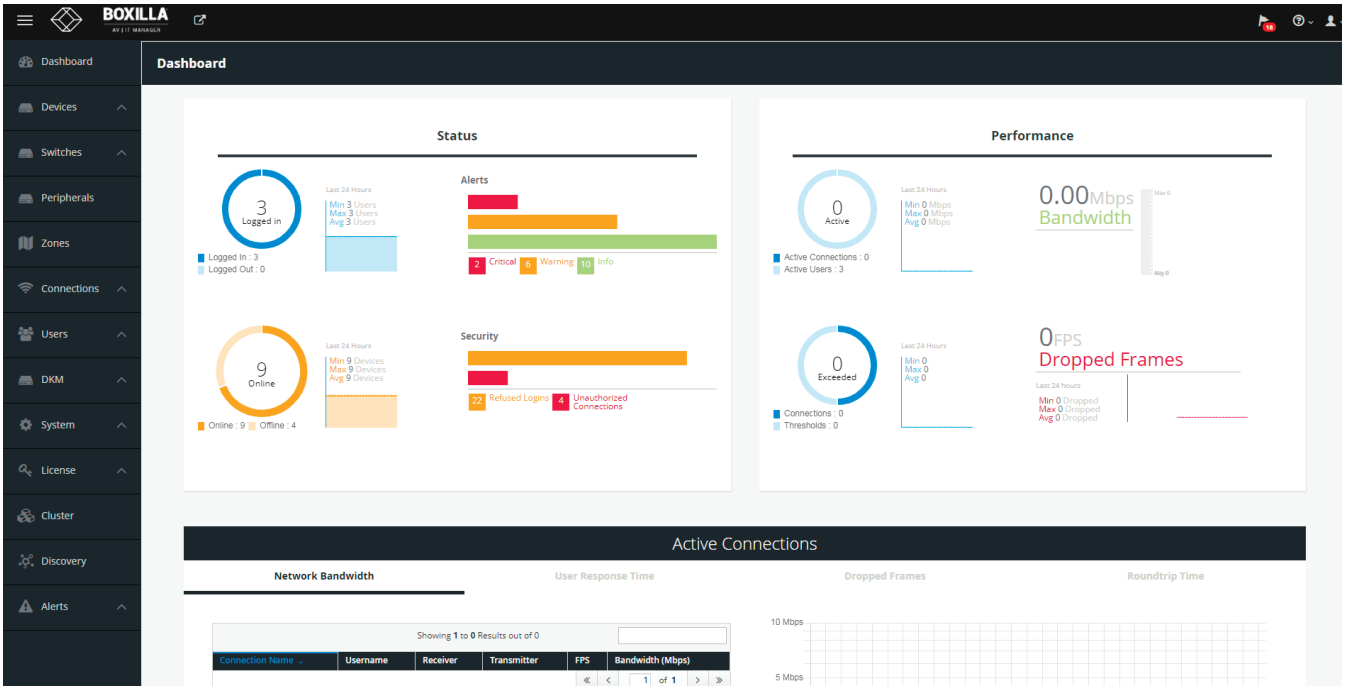
BACK VIEW

APPLICATION DIAGRAM



BOXILLA DASHBOARD

BOXILLA DASHBOARD



Dashboard drill-down:

Charting of key performance parameters:

- Bandwidth
- Frame rate
- User changes
- Power

Configure and Create:

- Manage domains
- Users
- Connections
- Systems
- Groups

ORDERING INFORMATION

ITEM	CODE
Boxilla	
25 Users, Devices or Connections	**BXAMGR-R2**
75 Users, Devices or Connections	**BXAMGR-R2-75**
125 Users, Devices or Connections	**BXAMGR-R2-125**
225 Users, Devices or Connections	**BXAMGR-R2-225**
325 Users, Devices or Connections	**BXAMGR-R2-325**
Unlimited Users, Devices or Connections	**BXAMGR-R2-ULT**
Upgrade Licenses	
Add 25 Users, Devices or Connections	**BXAMGR-R2-LIC-25**
Add 100 Users, Devices or Connections	**BXAMGR-R2-LIC-100**
Add 200 Users, Devices or Connections	**BXAMGR-R2-LIC-200**
Add 300 Users, Devices or Connections	**BXAMGR-R2-LIC-300**
Add Unlimited Users, Devices or Connections	**BXAMGR-R2-LIC-ULT**
Licenses for Active and Standby Boxilla	
25 Devices	**BXAMGR-R2-LICBAK-25**
100 Devices	**BXAMGR-R2-LICBAK-100**
200 Devices	**BXAMGR-R2-LICBAK-200**
300 Devices	**BXAMGR-R2-LICBAK-300**
Unlimited Devices	**BXAMGR-R2-LICBAK-ULT**

DISCLAIMER

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ABOUT BLACK BOX

Black Box is a world leading technology solutions provider specializing in complete high-performance KVM, professional A/V signal distribution and extension and switching solutions for mission-critical applications. Black Box is dedicated to delivering superior project engineering, technical support, and 24/7 customer service you can rely on for your most critical operations.

Every day, our customers trust us to design, integrate, and maintain reliable control room solutions for broadcasting, post-production, stadiums & arenas, medical, air traffic control, oil & gas, government & military, and utility industries. Leave the tech to us and our comprehensive technology solutions will deliver secure connections, fast-response times, real-time collaboration and more.

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