

# BE-616IS

## 16-port CAT5 KVM over IP Switch Console

The BE-616IS CAT5 KVM over IP Switch lets you access and control 16 separate servers and combine with innovative KVM Transmitter Dongles directly connects to each server, eliminating cable clutter and the need for multiple consoles. The KVM-over-IP (hereafter

call IP-KVM for simplicity) redirects local keyboard, mouse and video data to a remote administration console. It allows you to control one or many computers locally at the server site or remotely via the Internet using a standard browser. You can securely gain BIOS level access to systems for maintenance, support, or failure recovery over the Internet. Communication is secure via SSL authentication and encryption. Use in conjunction with a KVM switch for multiple-server access.

The IP-KVM provides convenient, remote KVM access and control via LAN or Internet. It captures, digitizes, and compresses video signal and transmits it with keyboard and mouse signals to and from a remote computer. IP-KVM provides a non-intrusive solution for remote access and control. Remote access and control software runs on its embedded processors only but not on mission-critical servers, so that there is no interference with server operation or impact on network performance.

The BE-616IS CAT5 KVM over IP Switch is a powerful, compact, cutting-edge, cost-effective rack mountable KVM switch. The 1U sized design features powerful on-screen display (OSD) control and management. It also supports an extra remote console access, you can remote access and control the BE-616IS up to 300m away.

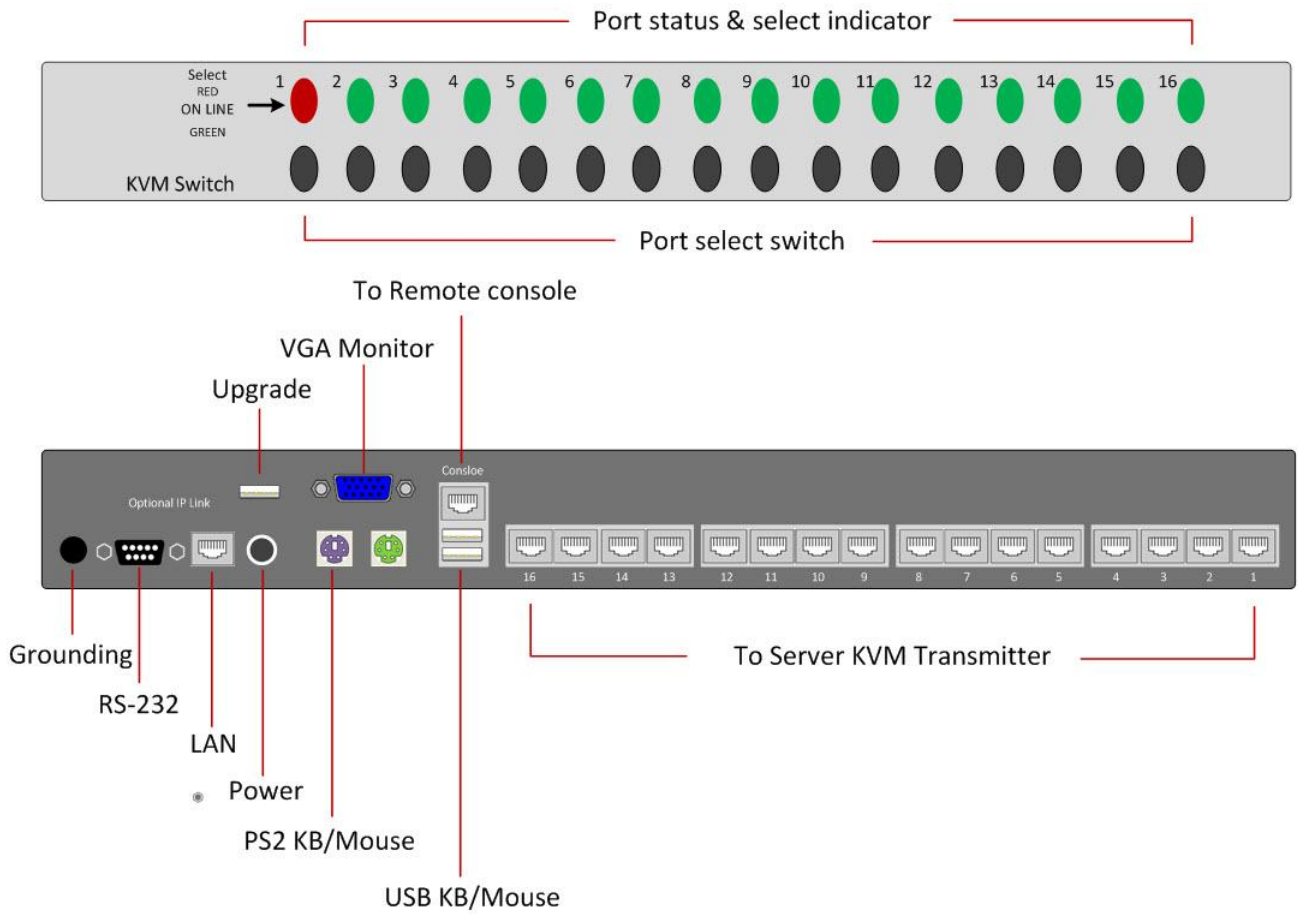


### Features:

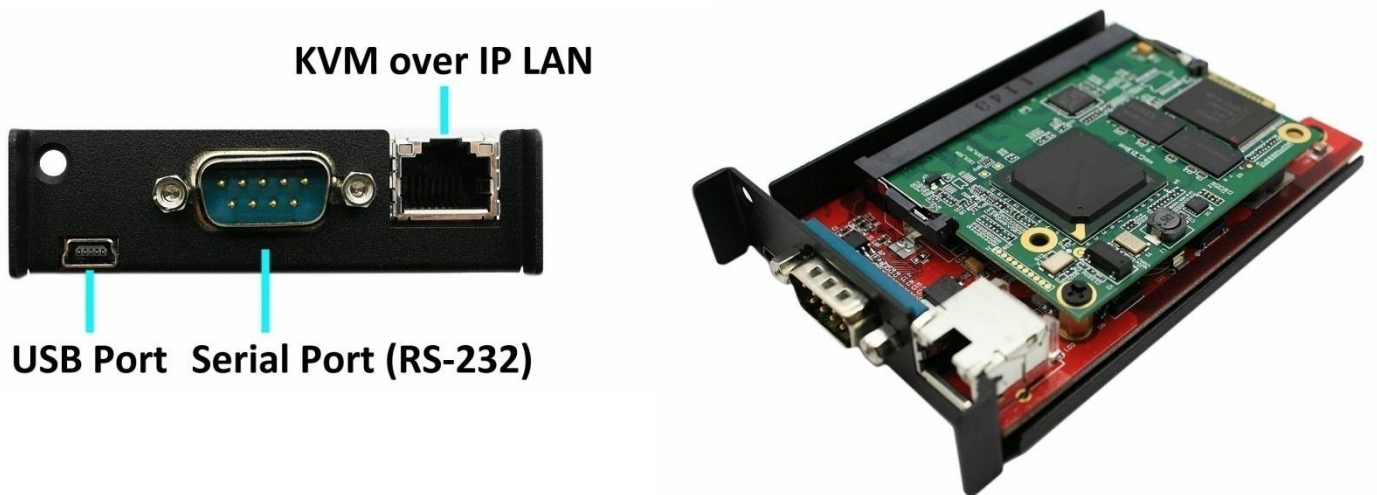
- ❖ Support PC 1600 x 1200 @ 60 Hz resolution.
- ❖ By Remote Console (BE-6303-150R / 300R), you can remote access and control BE-616IP from as far as 300 meters (1000 ft.) away.
- ❖ KVM (keyboard, video, and mouse) access over IP or analogous telephone line (modem needed).
- ❖ Full control under any OS, in BIOS mode, during boot, at Blue Screens.
- ❖ SSL Certificate management.
- ❖ 256-bit SSL encryption of all transmitted data.
- ❖ High-performance mouse tracking and synchronization.
- ❖ Automatic adjustment of data rate to transmission line.
- ❖ Can be remote controlled over java-enabled Browsers.

# Front , Rear Panel View:

## BE-616IS (16 Port KVM over IP Switch)





## IPK-M03 (KVM over IP Module)



## Specifications:

Kit No.		BE-616IS KVM over IP Switch
Connector	VGA Out	HDD15F x1
	VGA In	N/A
	System Out	UTP x 16 to PC (KVM Dongle)
	Remote Console Link	UTP x 1 to Extension Console
	PS2 KB/Mouse	MiniDin6 F x 1
	USB KB/Mouse	Type B F x 2
	USB upgrade	Type B F x 1
	Power	Jack x1
KVM over IP	USB Port	To PC Storage Redirection
	Serial Port	RS-232 Control x 1
	System In	KVM-over-IP LAN x 1
Resolution		1600 x 1200 @ 60 Hz (Subject to cable and VGA signal quality)
Control		OSD/KB
KVM over IP Module		IPK-M03
Inter-connect Cable		CAT5
System Cable		CAT5 (minimum), FTP Solid Wire 2x4x24 AWG, Standard 568B RJ-45 connector
Distance		Server to KVM Switch: Up to 20 m (up to 66 ft.) KVM Switch to Remote Console: Up to 300 m (up to 1000 ft.)
Environment	Operation Temperature	0 ~ 60°C
	Storage Temperature	-40 ~ 70°C
	Humidity	0 ~ 80% Non-condensing
Physical Properties	Material	Aluminum
	Weight	1875g
	Dimensions	430mm (W) x 158mm(L) x 45mm(H)

Direct-plug KVM Transmitter			
		BE-601UM	BE-601PM
Model No			
Connectors	System Out	RJ-45M x1	
	VGA In	HDD 15M x1	
	PS2 KB	N/A	MiniDin 6M x1
	PS2 Mouse	N/A	MiniDin 6M x1
	USB KB/Mouse	Type A (Male) x1	N/A
Power		From USB port 5V DC 200mA	From PS2 port 5V DC 200mA
System Cable		CAT5 (minimum), FTP Solid Wire 2x4x24 AWG	
Distance		Up to 20M (66 ft.)	
Video		1600 x1200 @60HZ	
Environment	Operation Temperature	0 ~ 60°C	
	Storage Temperature	-40 ~ 70°C	
	Humidity	0 ~ 80% Non-condensing	
Physical Properties	Material	Plastic	
	Weight	150g	
	Dimension	58L x 33W x 13H mm Total Cable length: 180 cm	

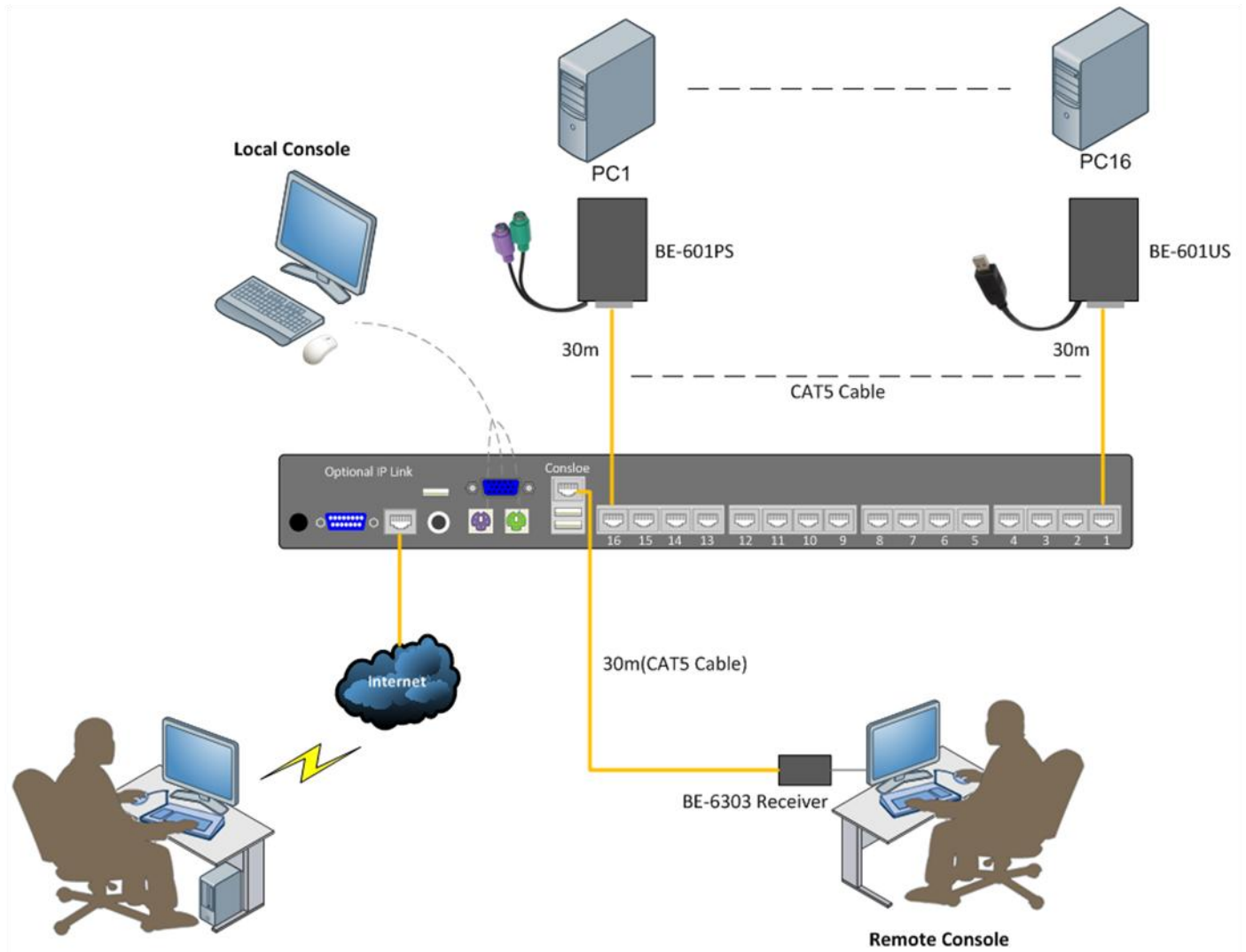
## Remote Console Receiver



Order No.		BE-6303-150R		BE-6303-300R	
Connector	System In	RJ-45 x1			
	VGA Out	HDD15F x1			
	PS2 KB/Mouse	MiniDin6F x 2			
	USB KB/Mouse	N/A	USB Type A x 2	N/A	USB Type A x 2
	Video Gain	Mini pot x 1			
	Video EQ	Mini pot x 1			
	Power	Jack x1			
System Cable		CAT5 (minimum), Solid Wire 2x4x24 AWG, standard RJ-45 connector			
Focus Control		OSD / Keyboard hotkey			
Video RGB Skew		Yes			
Distance		Up to 150M (500 ft.)		Up to 300M (1000 ft.)	
Video support		1600 x1200 @60Hz (subject to cable and VGA signal quality)			
Power		DC 5.0V : 1.2A			
Environment	Operating Temp.	0 ~ 60°C			
	Storage Temp.	-40 ~ 70°C			
	Humidity	0 ~ 80% non- condensing			
Physical Properties	Weight	363g			
	Dimensions	140(L) x 88(W) x 32(H)mm			

# Diagram

## Single BE-616IS Installation



# Multiple BE-616IS Installation – access up to 256 PCs

