



LevelOne

KVM-9007

KVM Cat.5 Receiver

User Manual

Ver.1.00-0701

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Introduction

Overview

Thank you for purchasing LevelOne KVM-9007 Cat.5 receiver. KVM-9007 enables user to access the PC, server or KVM switch up to 300 meters away from your keyboard, VGA (monitor) and mouse. It receives the signals from Cat.5 cable and converts them into signals of USB keyboard, VGA and USB mouse respectively.

KVM-9007 can be used with KVM switch that has remote console port. When working with KVM switch that has remote console port (KVM-0831/1631/KCM-0831/1631), users are able to access KVM switch and control all the PCs which connected to the KVM switch from 300 meters away.

KVM-9007 is a good solution for those noisy server room environment where is unsuitable for people to work for a long time. Besides, it facilitates effective management on dispersive computers through one dedicated central control room, demonstration room, meeting room, or at your desk.

Features

- KVM Cat.5/Cat.5e/Cat.6 signal receiver from remote located KVM switches
- Extends, transmits and receives KVM Cat.5 signals from up to 300 meters (1000 feet) away
- Designed for application with KVM switches with built-in remote console port
- Built-in local host-port to manage an additional computer directly connected
- Easy installation with no additional software required

Note:

It is highly recommended to use Cat.5e cable when the connection is shorter than 150 meters, and to use Cat.6 cable when the connection is between 150 and 300 meters.

Package Contents

- KVM-9007
- Power Adapter DC9V 0.5A
- Four Rubber Foot pad
- CD Manual

If any item is found missing or damaged, please contact your local reseller for replacement.

Front Panel



Console Port: Connect USB keyboard and mouse.

Remote LED

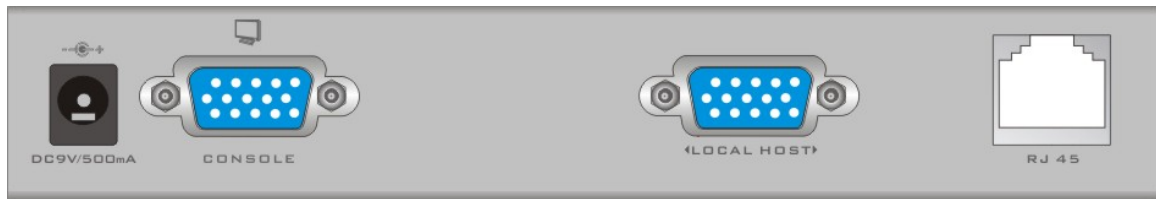
LED display	Indication
Light off	Remote port is not selected
Light on	Remote port is selected
Light flash	Auto detecting device on remote port

Local LED

LED display	Indication
Light off	Local port is not selected
Light on	Local port is selected
Light flash	Auto detecting device on local port

Select Button: Select between local and remote side.

Rear Panel



DC power jack: Connect power adapter.

Console port: Connect to local monitor.

Local port: Connect to local host PC.

RJ-45 port: Connect to remote KVM switch or servers over Cat.5 cable.

Installation

Connect to KVM switch with ACC-1000 Cat.5 console module

1. Attach the rubber feet to the bottom of KVM-9007.
2. Connect keyboard, VGA and mouse to the console port.
3. If you want to add a local PC, connect local PC to the local host port with 3 to 1 KVM cable (ACC-2101 / 2102 / 2103).
4. Connect one end of Cat.5 cable to the RJ-45 jack of KVM-9007.
5. Connect the other end of Cat.5 cable to the remote console port (ACC-1000) of the KVM switch (KVM-0831/1631/KCM-0831/1631).
6. Connect the power adapter to the power jack on the rear panel, and the other side of power adapter connects to the power outlet.

OSD

On screen display (OSD) gives you a convenient way to access and control the computers. It includes management functions such as security, language and help etc.

【Note】 【Caps Lock】 key is the default OSD hotkey, the hotkey can be changed to other hotkey (see OSD F2 Hotkey, for details)

Hotkey operation

1. scroll← 【scroll lock】 key
2. num← 【number lock】 key
3. caps← 【caps lock】
4. Lctrl←left hand site of the 【Ctrl】 key.
5. Rctrl←right hand site of the 【Ctrl】 key.

6. Lalt←left hand site of the 【Alt】 key,
7. Ralt←right hand site of the 【Alt】 key.
8. Lwin←left hand site of the “window” key
9. Rwin←right hand site of the “window” key (some keyboards might not have this key)

1. Security



To bring up the Security window :

- (1) Power-on.
- (2) Press “optional hotkey” twice, then press 【F4】 key.

【Note】 Default user name and password is “00000000”

To close the Security window :

- (1) key in a valid user name, then press 【Enter】 key; key in valid password, then press 【Enter】 key.
- (2) Press 【Esc】 key.
- (3) Connect to a KVM device (via Cat.5 interface)

【Note】

1. Available keys for user name and passwords are 0 ~ 9, a ~ z (no capital difference)
2. Numbers on right hand side of the keyboard are not available to use.

2. Help



To bring up the Help window :
Tap “optional hotkey” twice, then press “F1”

To close the Help window :
Tap any key on your keyboard.

3. Hotkey OSD window



To bring up the Hotkey window :
(1) Tap “optional hotkey” twice, then press “F2”.
(2) In Help window, tap “F2”.

To close the Hotkey window :
(1) Press any key on your keyboard.
(2) Done the setup.

4. Revise Password window



To bring up REVISE Password window :
(1) Tap “optional hotkey” twice, then press 【F3】 key.
(2) In Help OSD window, tap 【F3】 key.

【Note】 Before Revise Password window appears, user has to enter the user name and password in Security OSD window.

To close the REVISE window :

(1) Tap "ESC" key.

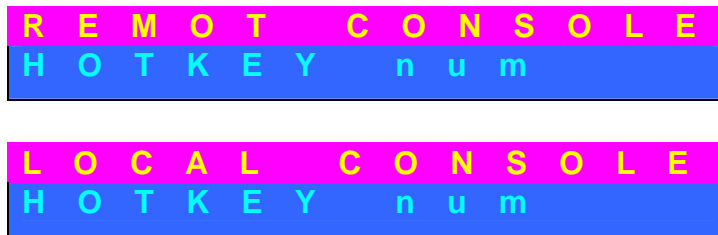
(2) Complete the USER NAME/ PASSWORD/ VERIFY setup.

【Note】 (1) Default user name and password is "00000000".

(2) Available keys for user name and passwords are 0 ~ 9, a ~ z (no capital difference)

(3) Press **【Enter】** three times , to set up user name &password as none.

5. CONSOLE Status



- (1) First row shows remote console/local console status.
- (2) Second row shows hotkey mode (e.g. The hotkey user selected now is 【Num Lock】 key)

To bring up REMOT/LOCAL CONSOLE window :

- (1) After complete SECURITY OSD window
- (2) Change remote/local console mode
- (3) Press mouse left-button, then press 【ESC】 key.

To close REMOT CONSOLE window :

- (1) Press any key on your keyboard.
- (2) Press any button on your mouse.

6. Local PC-port and Remote PC-port switch

Press “optional hotkey” twice then press letter 【C】

7. Buzzer control (audio on/off mode)

Press “optional hotkey” twice then press letter 【B】

8. Scan PC port

(Scan Local port and Remote port VGA every 8 seconds)

Press “optional hotkey” twice then press letter 【S】

Troubleshooting

1. No video signal is displayed on the monitor.
 - 1.1 Please check if VGA cable and Cat.5 cable are properly connected to the connectors respectively.
 - 1.2 Make sure VGA cable is attached to computer during the boot-up process.
 - 1.3 Make sure power adapter is connected to the receiver.

2. Video signal is foggy or un-cleared on the screen.
 - 2.1 Please check if the VGA cable is properly connected. Sometimes reconnect the cable may solve this problem.
 - 2.2 It is highly recommended to use Cat.5e cable when the connection is shorter than 150 meters, and to use Cat.6 cable when the connection is between 150 and 300 meters.

Specifications

Keyboard port	USB
Mouse port	USB
VGA monitor port	1
RJ-45 port	1
RJ-45 port connector	8P8C
Local console port connector	VGA blue HDDB 15 pin, 3 to 1 cable to connect to PC
LED	Console port or PC port was selected
VGA tuning	Auto Adjusting
Power adapter	DC 9V, 500mA
Weight (g)	360g
Dimension (mm)	160*72*27mm
Resolution	1680 * 1050 (150m) 1280 * 1024 (300m)

Certification

CE – Certificate

This equipment is in compliance with the requirements of the following regulations: EN 55 022: CLASS A

FCC

This equipment has been tested and found to comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference

(2) This device must accept any interference received.

Including interference that may cause undesired operation.

