



Cat5-IP08 / 16 / 32



**Combo Cat6
2-console KVM**

Cat5-08R / 16R / 32R



Combo Cat6 KVM

Cat5-08 / 16 / 32



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Cat5-IP08 /-IP16 /-IP32

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Cat5-08R / -16R / -32R

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< Part 3 > Combo Cat6 KVM

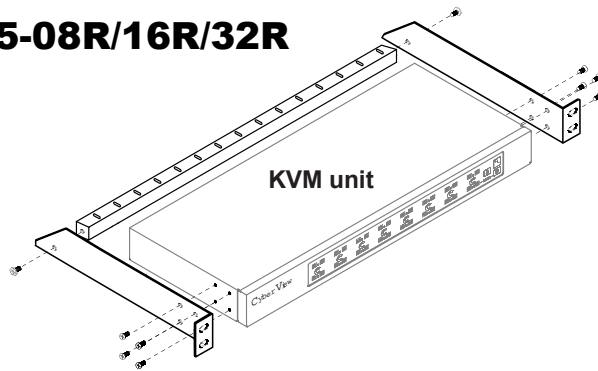
Cat5-08 / -16 / -32

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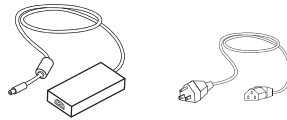
Cat5-08R/16R/32R



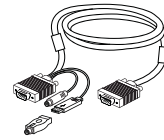
- Combo KVM unit x 1
- Mounting set w/ bracket & screws x 1
- Power cord (for KVM) x 1



Receiver box
for remote console



Receiver's power adapter
w/ power cord

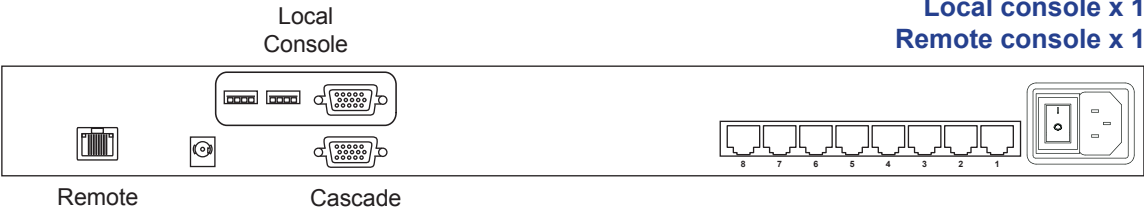


CE-6 KVM cable
for receiver box

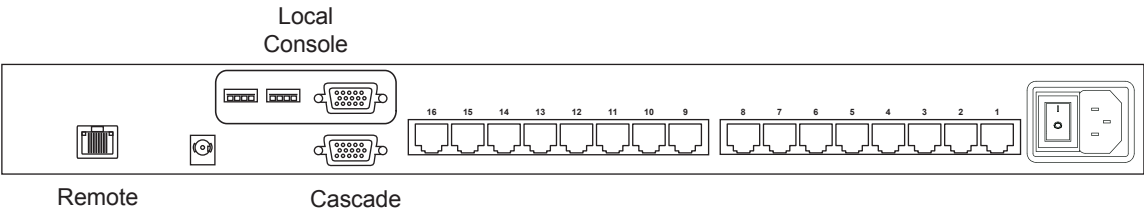
X 1 set

Local console x 1
Remote console x 1

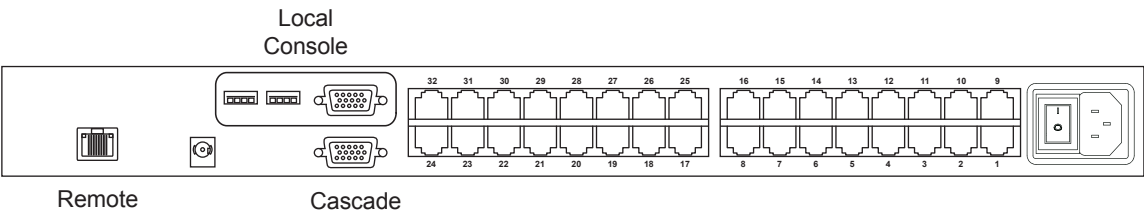
Cat5-08R

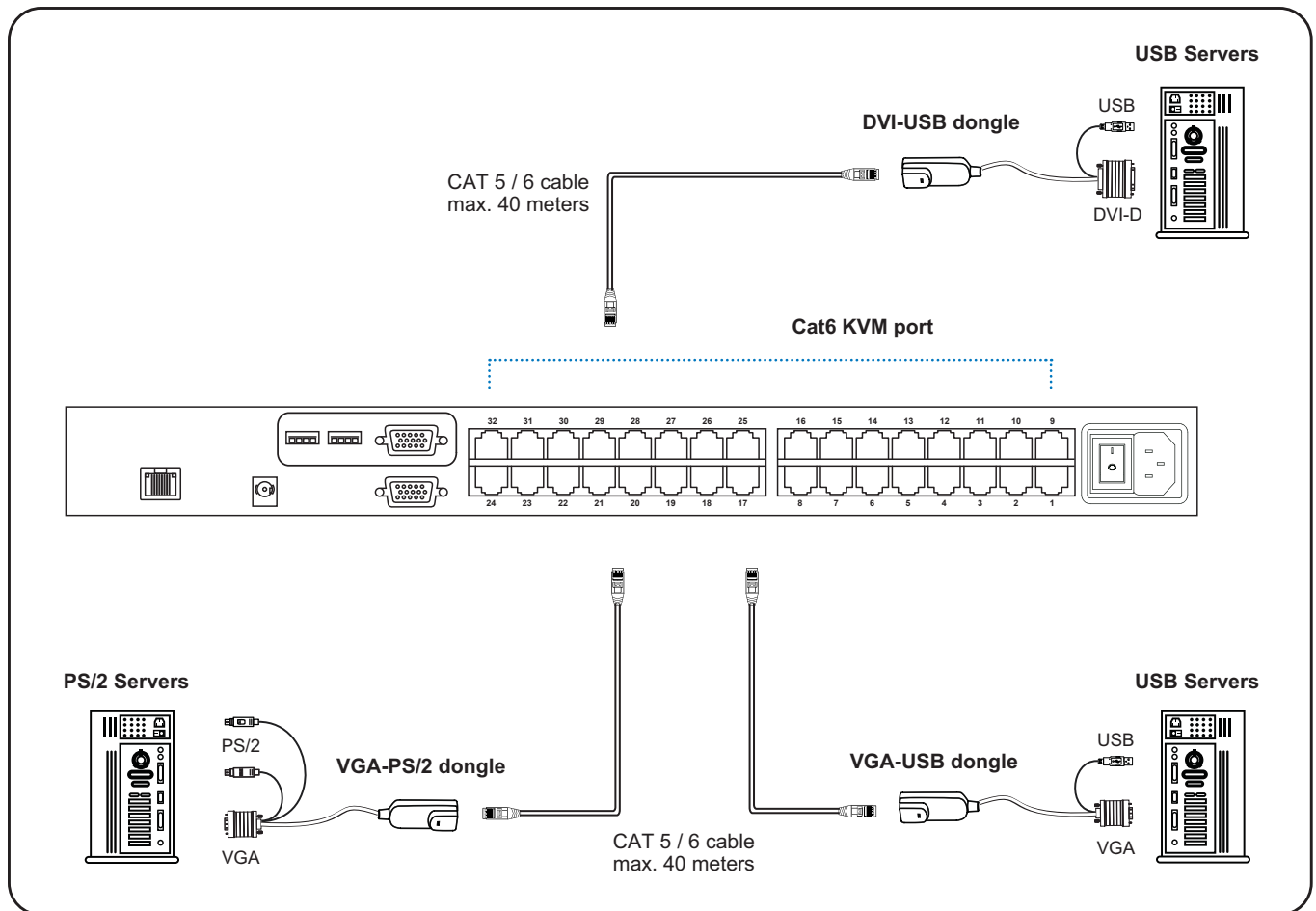


Cat5-16R



Cat5-32R





Cat5 Dongle USB/DVI

- To connect DVI-D connector to the computer's video card
- To connect USB connector to the computer's USB port



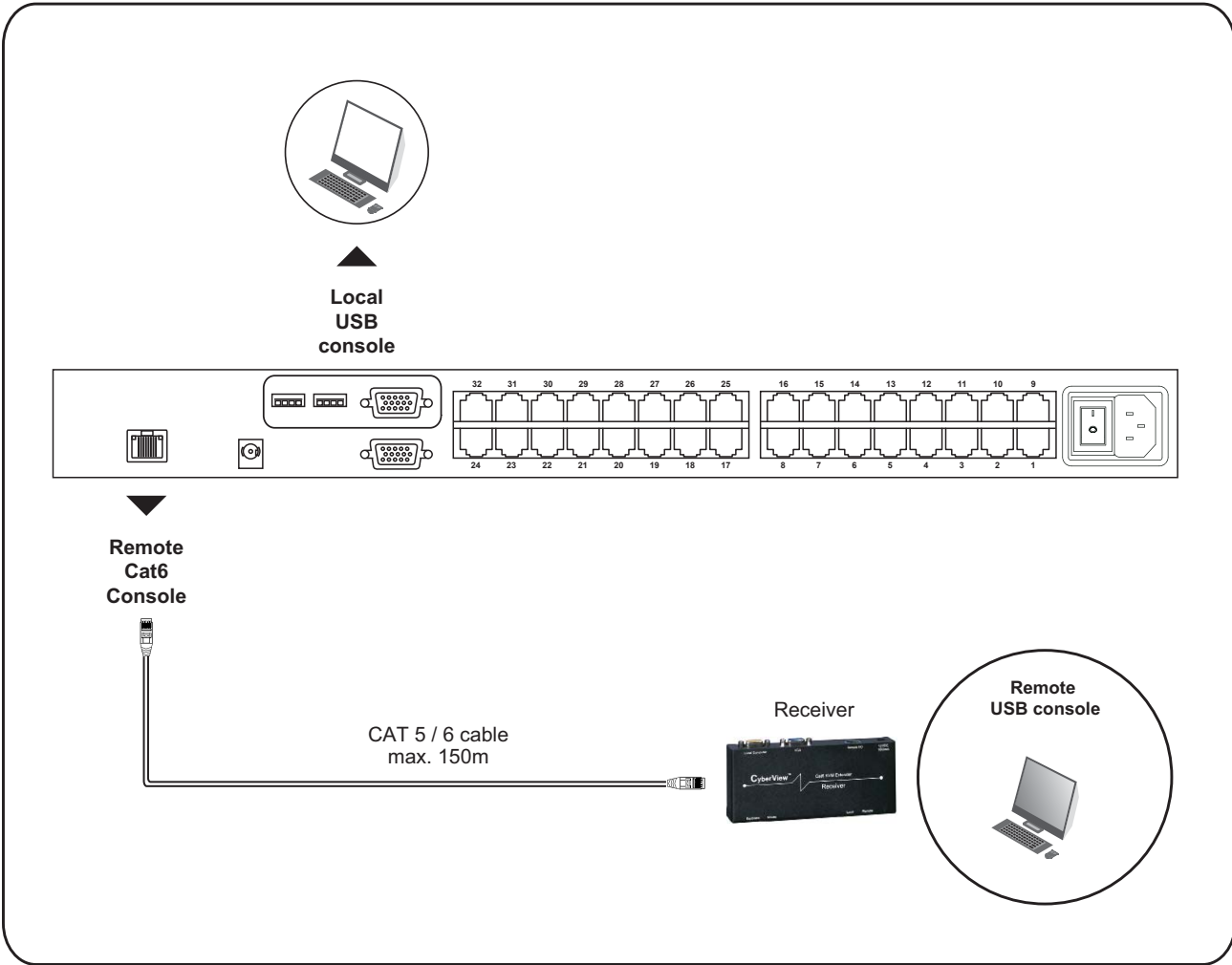
Cat5 Dongle USB

- To connect DB-15 connector to the computer's video card
- To connect USB connector to the computer's USB port



Cat5 Dongle PS/2

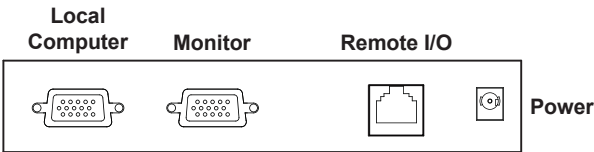
- To connect DB-15 connector to the computer's video card
- To connect PS/2 keyboard connector to the computer's keyboard port
- To connect PS/2 mouse connector to the computer's mouse port



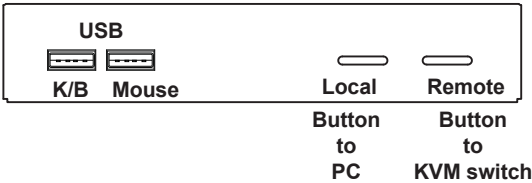
Receiver



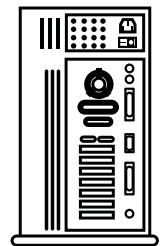
Front



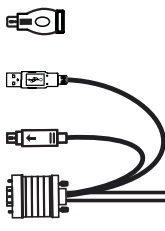
Rear



The receiver provides a hotkey function for remote console. Please refer to P.23



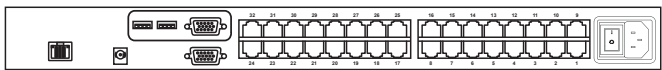
Local computer
(Optional setup)



Combo
KVM cable



VGA
cable



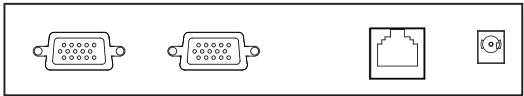
Remote
Console



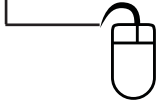
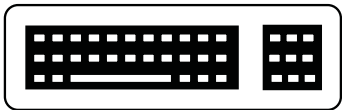
Cat6 cable
up to 150m

12V DC Power
Adapter

Front



Rear

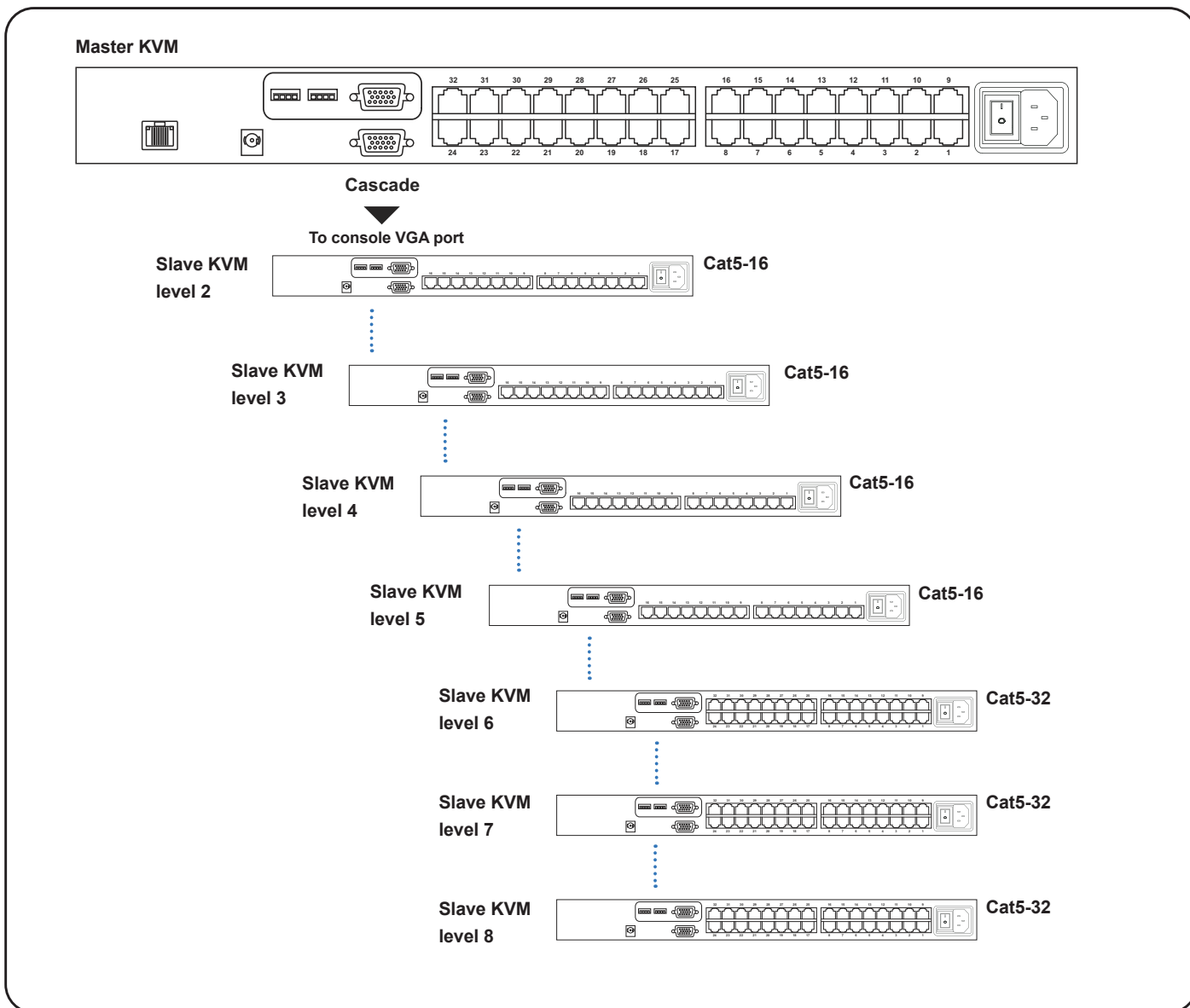


< 2.4 > KVM Cascade

Combo Cat6 2-console KVM

- Cascade up to 8 levels, 256 servers
- Cascading multiple KVM with CBC-6 cascade cable.

- ⚠ Cascaded KVMs from level 2 to 8 must be the models of Cat5-08 / -16 / -32
- ⚠ When multiple combo Cat6 KVMs cascade together, the master KVM at level 1 will take all control of other slave KVM switches (e.g. level 2 to 8).



Cascade Cat5/USB

- 6ft Combo KVM cascade cable

	-08R	-16R	-32R
■ KVM Port Number of ports: 8, 16 or 32 Connector: RJ-45 Connectivity: DVI-D / VGA connector dongle up to 40 meters (132 feet) via Cat6 / Cat5 cable			
■ Local Console Graphic connector: 1 x DB-15 VGA Resolution: Up to 1600 x 1200 Input device: 2 x USB type A for keyboard & mouse			
■ Remote Console Connector: 1 x DB 15-pin, VGA Resolution: Up to 1600 x 1200 (500 feet), Up to 1024 x 768 (1000 feet) Input device: 2 x USB type A for keyboard & mouse Remote I/O: RJ45 via Cat5 / Cat5e / Cat6 cable up to 500 feet Compensation: Auto adjust for cable length			
■ Expansion: Up to 256 servers by 8-level cascade			
■ Compatibility Multi-platform: Mix PCs, SUNs, IBMs, HPs, DELLs Server Support: Windows Vista / 2003 / XP / 2000, Linux, Netware, Unix, DOS			
■ Power Input: 100 or 240V AC at 50 or 60 Hz via IEC type cord OR AC / DC power adapter 12V@3.3A (optional) Option DC: 12V / 24V / 48V DC input Consumption: Max. 48 Watt, Standby 5 Watt			
■ Regulatory Approval: FCC, CE			
■ Environmental Operating: 0 to 50°C Storage: -5 to 60°C Relative humidity: 90%, non-condensing Shock: 50G peak acceleration (11ms, half-sine wave) Vibration: 58~100Hz / 0.98G (11ms / cycle)			
■ Product Information Dimension (W x D x H): 443 x 180 x 43.6 mm / 17.4 x 7.1 x 1.72 inch Net weight: 3 kg / 6.5 lb			
■ Packing Information Dimension (W x D x H): 500 x 400 x 90 mm / 19.7 x 15.7 x 3.5 inch Gross weight: 5 kg / 11 lb			

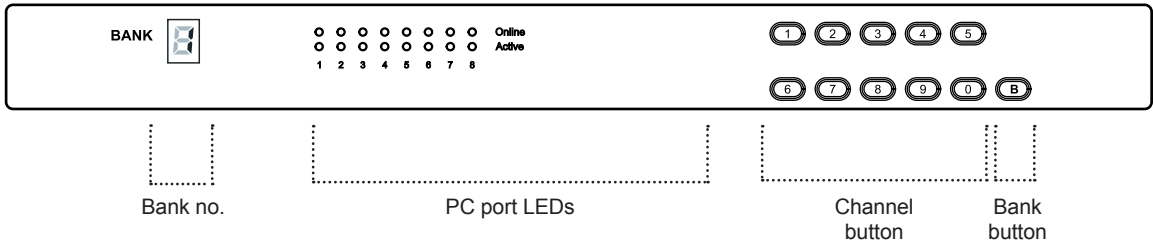
4.1 KVM Button

Power ON

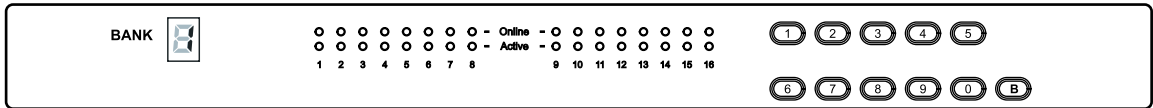
- Turn off all servers and KVM switches
- Make sure all cables / connectors are properly connected
- Recommend Power ON sequence is monitor, KVM switch finally computer

Front Panel - Port LED Indications

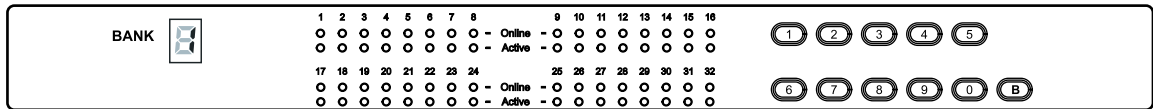
8 ports



16 ports



32 ports



Bank no.	7-Segment BANK LED indication
PC port LEDs	Online : Blue LED on indicating a PC is connecting to the port Active : Green LED on indicating a selected channel
Channel button	Press to select channel from 01 to 32
Bank button	Select the bank from 1 to 8

The password is enabled by default, the default password is “00000000” eight zeros (**Do not use “0” on number pad**)

■ Enable password

1. Press the KVM hotkey **Scroll Lock + Scroll Lock + U**
 2. Logout the KVM by pressing the hotkey **Scroll Lock + Scroll Lock + P**
 3. In SUPERVISOR level, enter “00000000” eight zeros in user name & password field (**Do not use “0” on number pad**)
 4. In USER level, press **Space bar** + **Enter** in user name & password field
- Remark: Automatic logout after 10 minutes of inactivity

■ Set your own user name & password

1. Login the KVM in SUPERVISOR level by pressing “00000000” eight zeros in user name & password field
 2. Call KVM OSD menu by pressing the KVM hotkey **Scroll Lock + Scroll Lock + Space Bar**
 3. Press **F1** to the MAIN MENU
 4. Select “USER SECURITY”
 5. Set password in SUPERVISOR & USER level
 - a. In the left-top row “S” (SUPERVISOR), press **Enter** to set your own user name & password
 - b. In the row 1 to 8 (USER), press **Enter** to set your own user name & password
 6. Press **Enter** to save the setting or press **Esc** to cancel the editing without any change
- Remark: a. Blank has underscore, while SPACE doesn't have
b. Press any alphanumeric key to move to next input item. SPACE is treated as a valid character

■ Change your password

1. Login the KVM in SUPERVISOR level by pressing your own user name & password
 2. Call KVM OSD menu by pressing the KVM hotkey **Scroll Lock + Scroll Lock + Space Bar**
 3. Press **F1** to the MAIN MENU
 4. Select “USER SECURITY”
 5. Change password in SUPERVISOR & USER level
 - a. In the left-top row “S” (SUPERVISOR), press **Enter** to change your user name & password
 - b. In the row 1 to 8 (USER), press **Enter** to change your user name & password
 6. Press **Enter** to save the setting or press **Esc** to cancel the editing without any change
- Remark: a. Blank has underscore, while SPACE doesn't have
b. Press any alphanumeric key to move to next input item. SPACE is treated as a valid character

■ Disable your password

1. Press the KVM hotkey **Scroll Lock + Scroll Lock + U**
2. Logout the KVM by pressing the KVM hotkey **Scroll Lock + Scroll Lock + P**
3. You don't need user name & password to access the KVM OSD menu

■ Forget your password

Please contact your supplier for further support



Remark:

- You must press the KVM hotkey within 2 seconds
- A beep sound will be heard for successful entering KVM hotkey


OSD Menu

PORT NAME			
BANK : 1			F1 : MENU
01	SYSTEM	01	F2 : LOGOUT
02	SYSTEM	02	F3 : PREV
03	SYSTEM	03	ESC : QUIT
04	SYSTEM	04	ENTER : COMPLETE
05	SYSTEM	05	↑/↓ : SELECT
06	SYSTEM	06	PgUp/PgDn :
07	SYSTEM	07	BANK SELECT
08	SYSTEM	08	
			USER :
			SUPERVISOR
			SCAN TIME :
			10 SEC FW1V3

OSD operation

	next to the system name	The PC is powered on
	next to the system name	The PC is selected
F1		Access F1 MAIN MENU
F2		Logout the OSD menu
F3		Previous menu
Esc		Cancel / Quit
Enter		Complete / Switch to selected port
↑/↓		Switch to previous or next port
PgUp/PgDn		Switch to previous bank or next bank
1 / 2 / 3 / 4		Display port 01 ~ 08 / 09 ~ 16 / 17 ~ 24 / 25 ~ 32
		Remark: Display port 17 ~ 32 for 32 port model only

F1 Main Menu

MAIN MENU		 X
SELECT OPTION :		
01	LANGUAGE	
02	PORT NAME EDIT	
03	PORT SEARCH	
04	USER SECURITY	
05	ACCESS LIST	
06	HOTKEY	
07	TIME SETTINGS	
08	OSD MOUSE	

01	LANGUAGE	OSD language change
02	PORT NAME EDIT	Define port name
03	PORT SEARCH	Quick searching by port name
04	USER SECURITY	Change password
05	ACCESS LIST	Define user access authority
06	HOTKEY	Change hotkey
07	TIME SETTINGS	Modify scan display time interval
08	OSD MOUSE	Modify OSD mouse speed

Local Console Hotkey	Function
Scroll Lock + Scroll Lock + Space Bar	Calling OSD menu
Right-button mouse + Esc	Calling OSD menu
Scroll Lock + Scroll Lock + ↑	Switch to previous port
Scroll Lock + Scroll Lock + ↓	Switch to next port
Scroll Lock + Scroll Lock + PgUp / PgDn	Switch to previous bank or next bank
Scroll Lock + Scroll Lock + Bank no. + Port no.	Switch to specific port
Scroll Lock + Scroll Lock + B	Turn the buzzer ON and OFF * Default the buzzer is ON
Scroll Lock + Scroll Lock + P	Logout the KVM if password security is ON. Show up the status windows

Advance hotkeys (for Supervisor login only)

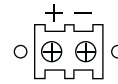
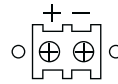
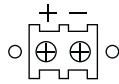
Scroll Lock + Scroll Lock + S	Activate auto-scan mode for connected servers *Press any key to exit the auto-scan mode
Scroll Lock + Scroll Lock + R	Reset all the KVM settings to factory default *Except User Security settings
Scroll Lock + Scroll Lock + U	Disable and enable password security *Default security is ON
Scroll Lock + Scroll Lock + L	To enable / disable the screen saving function and 10 minutes auto-logout *Default the screen saving is OFF

Remarks:

- Example of “**Scroll Lock + Scroll Lock + Bank no. + Port no.**”
 - Bank No. : 1 to 8
 - Port No. : 01 to 32
 - e.g. Bank 1 Port 4 : **Scroll Lock + Scroll Lock + 1 + 0 + 4**
 - e.g. Bank 2 Port 16 : **Scroll Lock + Scroll Lock + 2 + 1 + 6**
- You must press the hotkey within 2 seconds
- A beep sound will be heard for successful entering
- The numeric keypad is not supported, while in OSD screen, the arrow keys, PgUp, PgDn, and Enter keys are supports

Remote Console Hotkey	Function
Scroll Lock + Scroll Lock + C	Toggle switch between remote & local port
Scroll Lock + Scroll Lock + Q	Turn the buzzer ON & OFF *Default the buzzer is ON
Scroll Lock + Scroll Lock + S	Activate auto-scan mode for remote & local port *The scan time interval is 5 seconds
Scroll Lock + Scroll Lock + A	Auto-adjust the video signal

4.5 DC Power 12V, 24V, 48V Input



Model	12V	24V	48V
Input rating			
Input voltage:	12-Volt	24-Volt	48-Volt
Input range:	9 ~ 18V	18 ~ 36V	36 ~ 75V
Input current			
- No load	50 mA	50 mA	50 mA
- Full load	4950 mA	2450 mA	1220 mA
Output rating			
Output voltage:	12-Volt	12-Volt	12-Volt
Output current:	4.16A	4.16A	4.16A
Efficiency	84%	85%	85%

Remarks:

- Package does not include power cord

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