CyberView™

CyberView™ dedicated KVM switch and rackmount screen technology

User Manual - KVM Rear Kit Version
for LCD Console Drawer

Combo Cat6 IP KVM

-UIP802
-UIP1602
-UIP3202

back

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Combo Cat6 2-console KVM

-U802
-U1602
-U3202

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Combo Cat6 KVM

-U801
-U1601
-U3201

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751
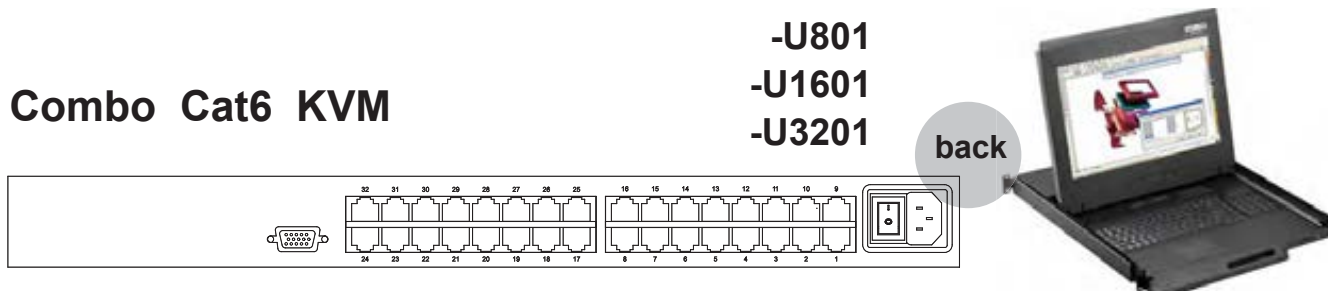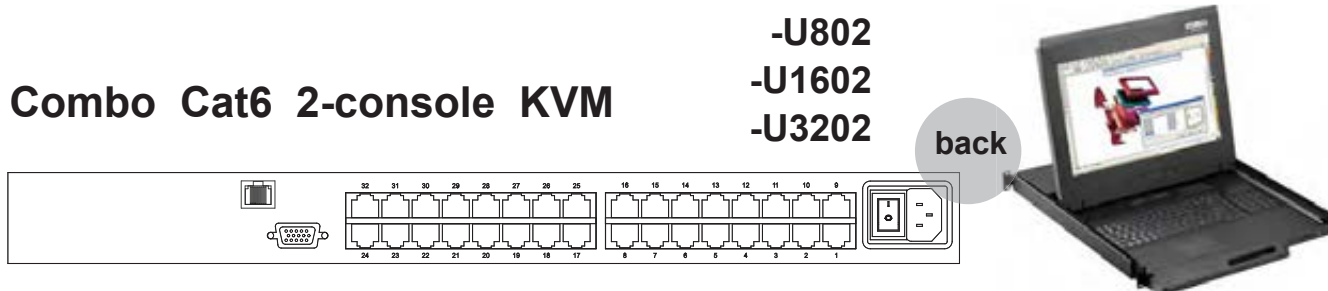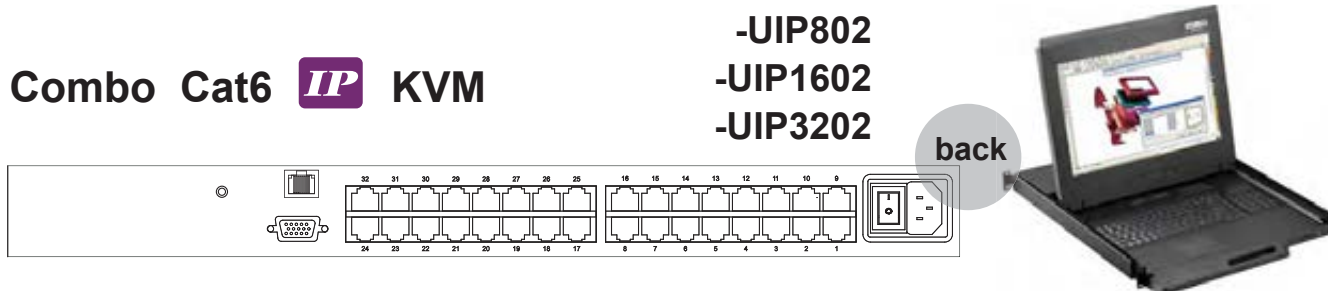
Designed and manufactured by Austin Hughes

Legal Information

Safety Instructions
Please read all of these instructions carefully before you use the device. Save this manual for future reference.

- Unplug equipment before cleaning. Don't use liquid or spray detergent; use a moist cloth.
- Keep equipment away from excessive humidity and heat. Preferably, keep it in an air-conditioned environment with temperatures not exceeding 40° Celsius (104° Fahrenheit).
- When installing, place the equipment on a sturdy, level surface to prevent it from accidentally falling and causing damage to other equipment or injury to persons nearby.
- When the equipment is in an open position, do not cover, block or in any way obstruct the gap between it and the power supply. Proper air convection is necessary to keep it from overheating.
- Arrange the equipment's power cord in such a way that others won't trip or fall over it.
- If you are using a power cord that didn't ship with the equipment, ensure that it is rated for the voltage and current labeled on the equipment's electrical ratings label. The voltage rating on the cord should be higher than the one listed on the equipment's ratings label.
- Observe all precautions and warnings attached to the equipment.
- If you don't intend on using the equipment for a long time, disconnect it from the power outlet to prevent being damaged by transient over-voltage.
- Keep all liquids away from the equipment to minimize the risk of accidental spillage. Liquid spilled on to the power supply or on other hardware may cause damage, fire or electrical shock.
- Only qualified service personnel should open the chassis. Opening it yourself could damage the equipment and invalidate its warranty.
- If any part of the equipment becomes damaged or stops functioning, have it checked by qualified service personnel.

What the warranty does not cover

- Any product, on which the serial number has been defaced, modified or removed.
- Damage, deterioration or malfunction resulting from:
  - ☐ Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
  - ☐ Repair or attempted repair by anyone not authorized by us.
  - ☐ Any damage of the product due to shipment.
  - ☐ Removal or installation of the product.
  - ☐ Causes external to the product, such as electric power fluctuation or failure.
  - ☐ Use of supplies or parts not meeting our specifications.
  - ☐ Normal wear and tear.
  - ☐ Any other causes which does not relate to a product defect.
- Removal, installation, and set-up service charges.

Regulatory Notices Federal Communications Commission (FCC)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

Any changes or modifications made to this equipment may void the user's authority to operate this equipment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-position or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Contents

-UIP802
-UIP1602
-UIP3202

KVM Rear Kit

back

⚠ **The power of the KVM rear kit may be changed to external power design based on the LCD console drawer series and model.**

-UIP802
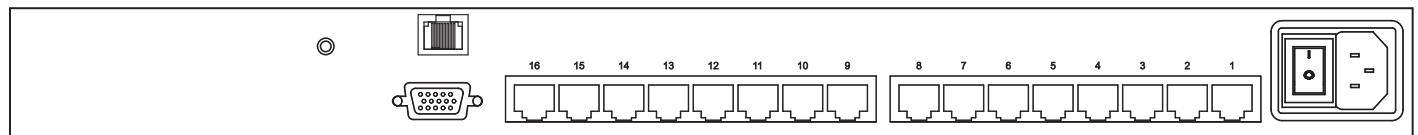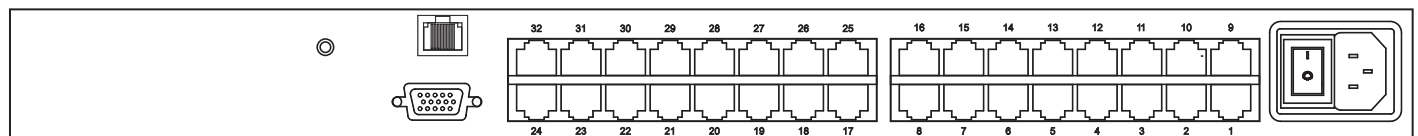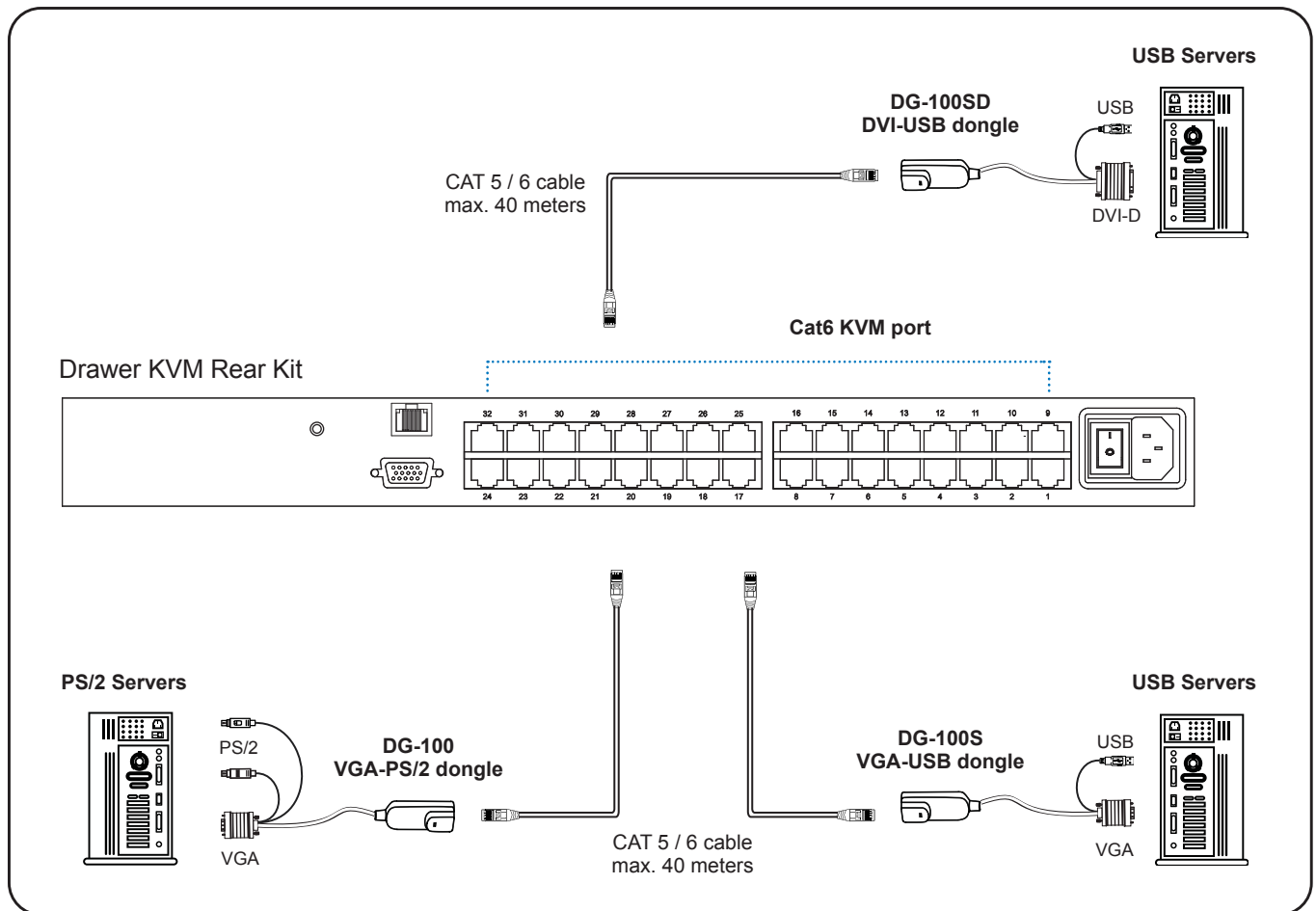
IP

Cascade

Power

-UIP1602

-UIP3202

USB Servers

**DG-100SD
DVI-USB dongle**

USB

CAT 5 / 6 cable
max. 40 meters

DVI-D

Cat6 KVM port

Drawer KVM Rear Kit

| 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 |

| 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

PS/2 Servers

USB Servers

PS/2

**DG-100
VGA-PS/2 dongle**

**DG-100S
VGA-USB dongle**

USB

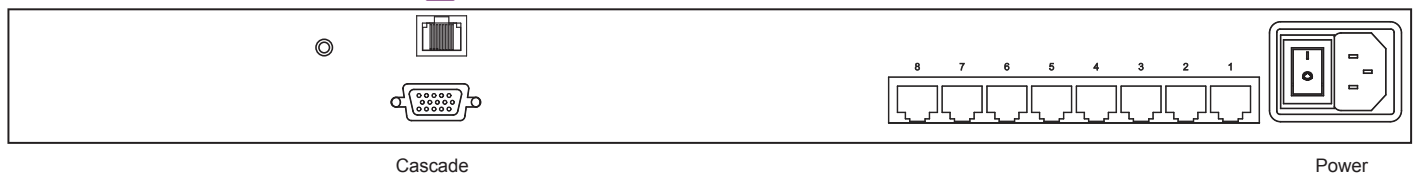VGA

VGA

CAT 5 / 6 cable
max. 40 meters

DG-100SD DVI-USB dongle

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

DG-100S VGA-USB dongle

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

DG-100 VGA-PS/2 dongle

■ 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

CAT 5 / 6 cable
max. 100m

Network device
hub or router

Internet

IP

Drawer KVM Rear Kit

| 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 |
| 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

After the cable connection, please take the following steps to configure the IP KVM :

1. Download IPKVMsetup.exe from the link:

www.austin-hughes.com/support/utilities/cyberview/IPKVMsetup.exe

2. Double click IPKVMsetup.exe to configure the IP KVM by device setup as below.

3. Click **Refresh Device** to search the connected IP KVM
4. Select the M.A.C. address, which you want to setup, then click **Query Device**
5. Enter Super user login. **The default is super**
6. Enter Super user password. **The default is pass**
7. Enter the new super user password
8. Re-enter the new password
9. Change the desired IP address / Subnet mask / Gateway, then click **Setup Device** to confirm the setting to IP KVM
10. The default address is as below:--
■   The single IP KVM model, such as U-IP3202   - http://192.168.1.22

11. Open Internet Explorer (I.E.), version 6.0 or above

12. Enter the IP KVM address into the address bar
      - For Single IP - http://192.168.1.22

13. Enter username (default is super)
      Password (default is pass)

14. After successful login to IP KVM, the user will enter the main page of IP KVM

⚠ **The setting is enough for intranet.**
   If the users access KVM GUI via internet, please ask MIS for assistance and
   download IP KVM user manual from the link :
   www.austin-hughes.com/support/usermanual/cyberview/UM-CV-IP.pdf

< 1.5 > KVM Cascade

Combo Cat6 IP 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 U-801 / U-1601 / U-3201.**

⚠ **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).**
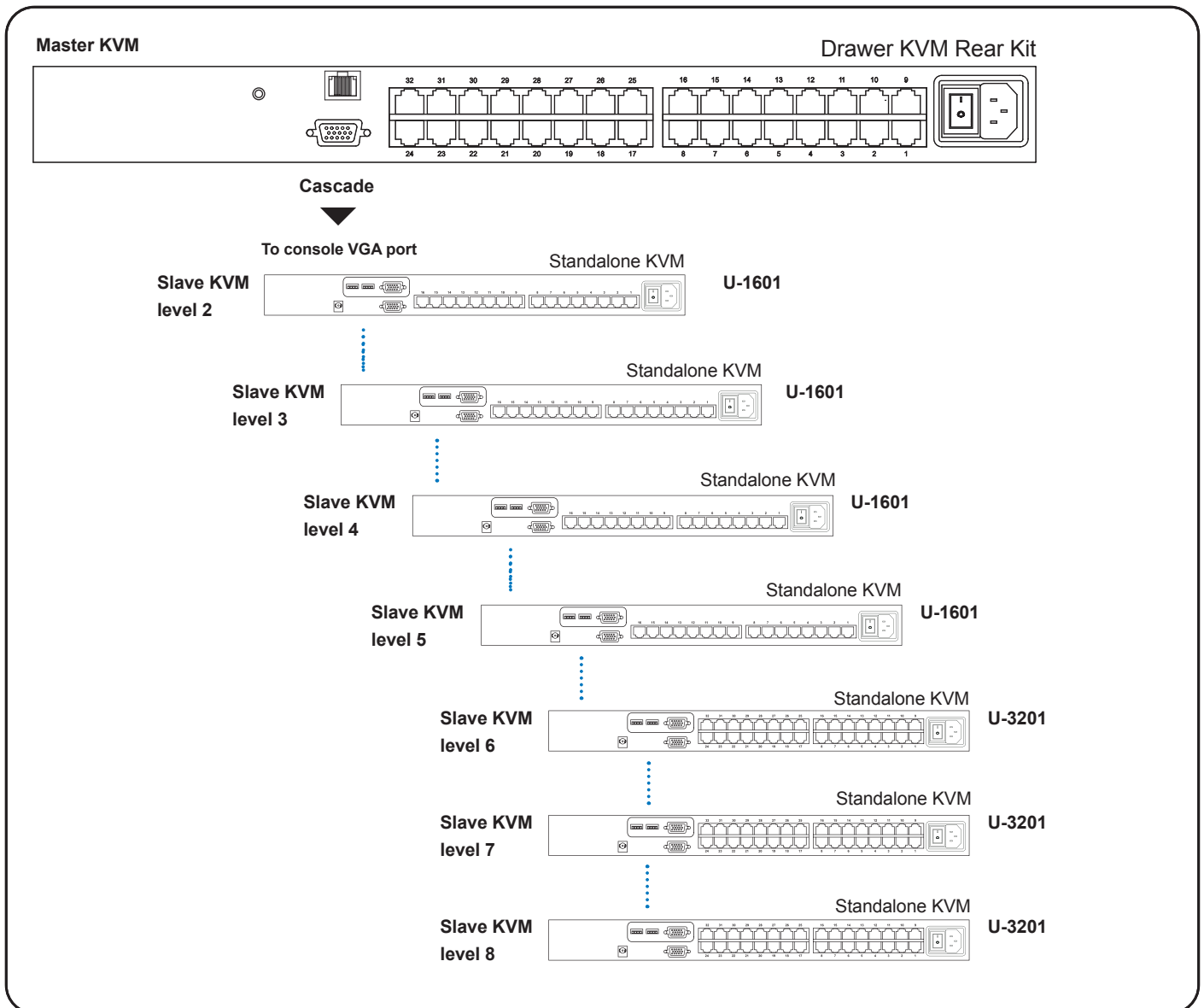
CBC-6
- 6ft Combo KVM cascade cable

	-UIP802	-UIP1602	-UIP3202
■ **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**	Nil for LCD console drawer version		
■ **IP Remote Console**			
Connector:	RJ45 Ethernet		
User management:	15-user login, 1 x active user		
Network protocol:	DHCP / BOOTP / DNS		
Security:	SSL v3, RSA, AES, HTTP / HTTPs, CSR		
Resolution:	Up to 1600 x 1200		
Browser:	IE, Firefox, Safari, Netscape		
■ **Expansion:**	Up to 256 servers by 8-level cascade		
■ **Compatibility**			
Multi-platform:	Mix PCs, SUN and Mac G3 / G4 Mac / iMac		
Support:	Windows 7 / Vista / 2003 / XP, Linux, Unix		
■ **Power**			
Input:	Auto sensing 100 to 240VAC, 50 / 60 Hz OR AC / DC power adapter 12V@3.3A (optional)		
Option DC:	12V / 24V / 48V DC input		
Consumption:	Max. 24 Watt, Standby 5 Watt		
■ **Regulatory**			
Safety:	FCC & CE certified		
Environment:	RoHS2 & REACH compliant		
■ **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)		

	Max 4:3 LCD	Max 16:10 LCD
Remote console	1600 x 1200	1440 x 900
Local console	1600 x 1200	1440 x 900
IP console	1600 x 1200	N/A

Cat6 Dongle	EDID Resolution Hard-coded	Resolutions Capable			
		4:3			16:10
		1024 x 768	1280 x 1024	1600 x 1200	1440 x 900
DG-100	1600 x 1200	✔	✔	✔	✔ *
DG-100S	1600 x 1200	✔	✔	✔	✔ *
DG-100SD	1280 x 1024	✔	✔	�’	✗

* Requires the user to enable showing unsupported resolutions via the target computer's video adapter settings (effectively ignoring the DDC / EDID)

-U802 / -U1602 / -U3202

- Receiver box for remote console x 1
- Power adapter w/ power cord (for receiver) x 1
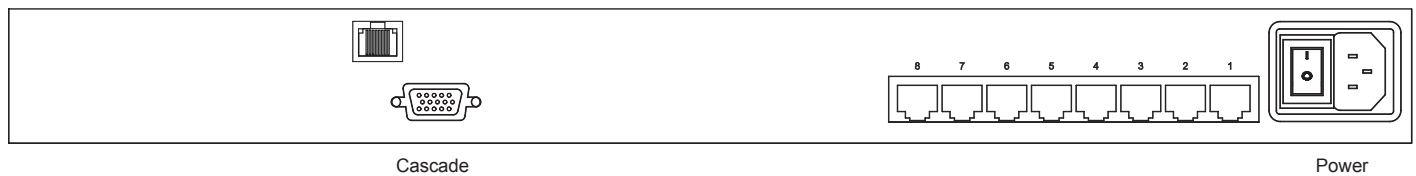- CE-6 6ft Combo KVM cable for receiver box x 1

KVM Rear Kit
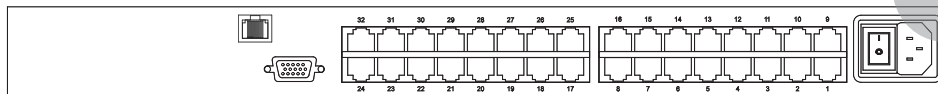
back

⚠ **The power of the KVM rear kit may be changed to external power design based on the LCD console drawer series and model.**

-U802

Remote

Cascade
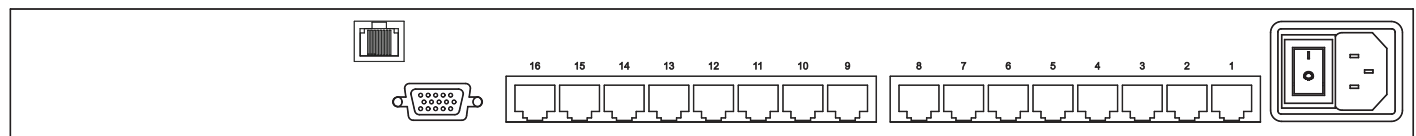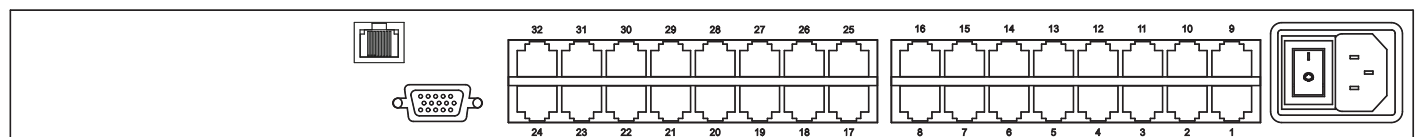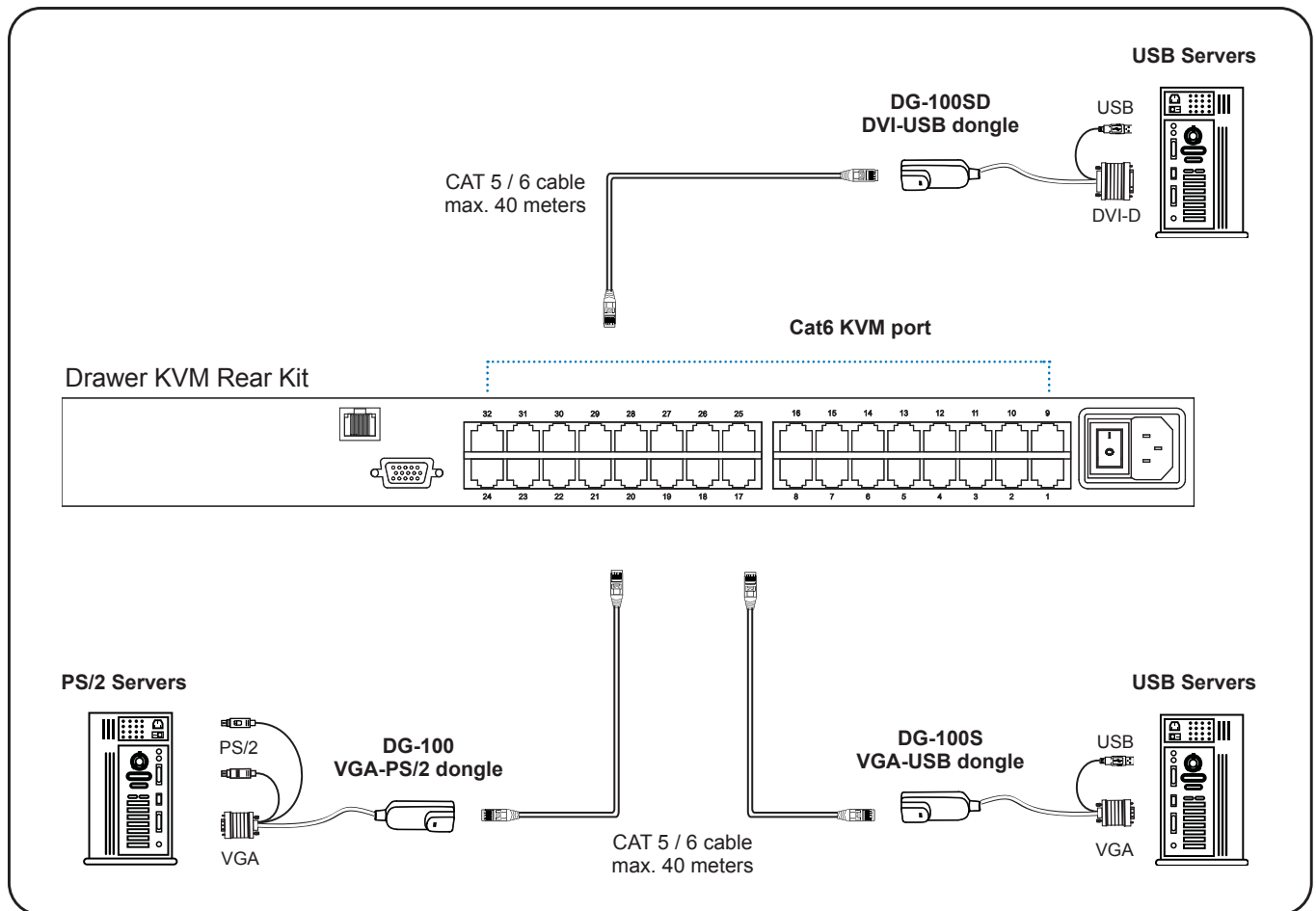
Power

-U1602

-U3202

Combo Cat6 2-console KVM

USB Servers

**DG-100SD
DVI-USB dongle**

USB

CAT 5 / 6 cable
max. 40 meters

DVI-D

Cat6 KVM port

Drawer KVM Rear Kit

32 31 30 29 28 27 26 25   16 15 14 13 12 11 10 9

24 23 22 21 20 19 18 17   8 7 6 5 4 3 2 1

PS/2 Servers

USB Servers

PS/2

**DG-100
VGA-PS/2 dongle**

**DG-100S
VGA-USB dongle**

USB

VGA

CAT 5 / 6 cable
max. 40 meters

VGA

DG-100SD DVI-USB dongle

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

DG-100S VGA-USB dongle

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

DG-100 VGA-PS/2 dongle

■ 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

CAT 5 / 6 cable
max. 150m

Receiver

**Remote
USB console**

**Remote
Cat6
Console**

▲

Drawer KVM Rear Kit

| 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 |
| 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

How to use a receiver to connect a remote console   Combo Cat6 2-console KVM

Receiver

Front

| Local Computer | Monitor | Remote I/O | | Power |

Rear

USB
K/B **Mouse**
Local **Remote**
Button to PC **Button to KVM switch**
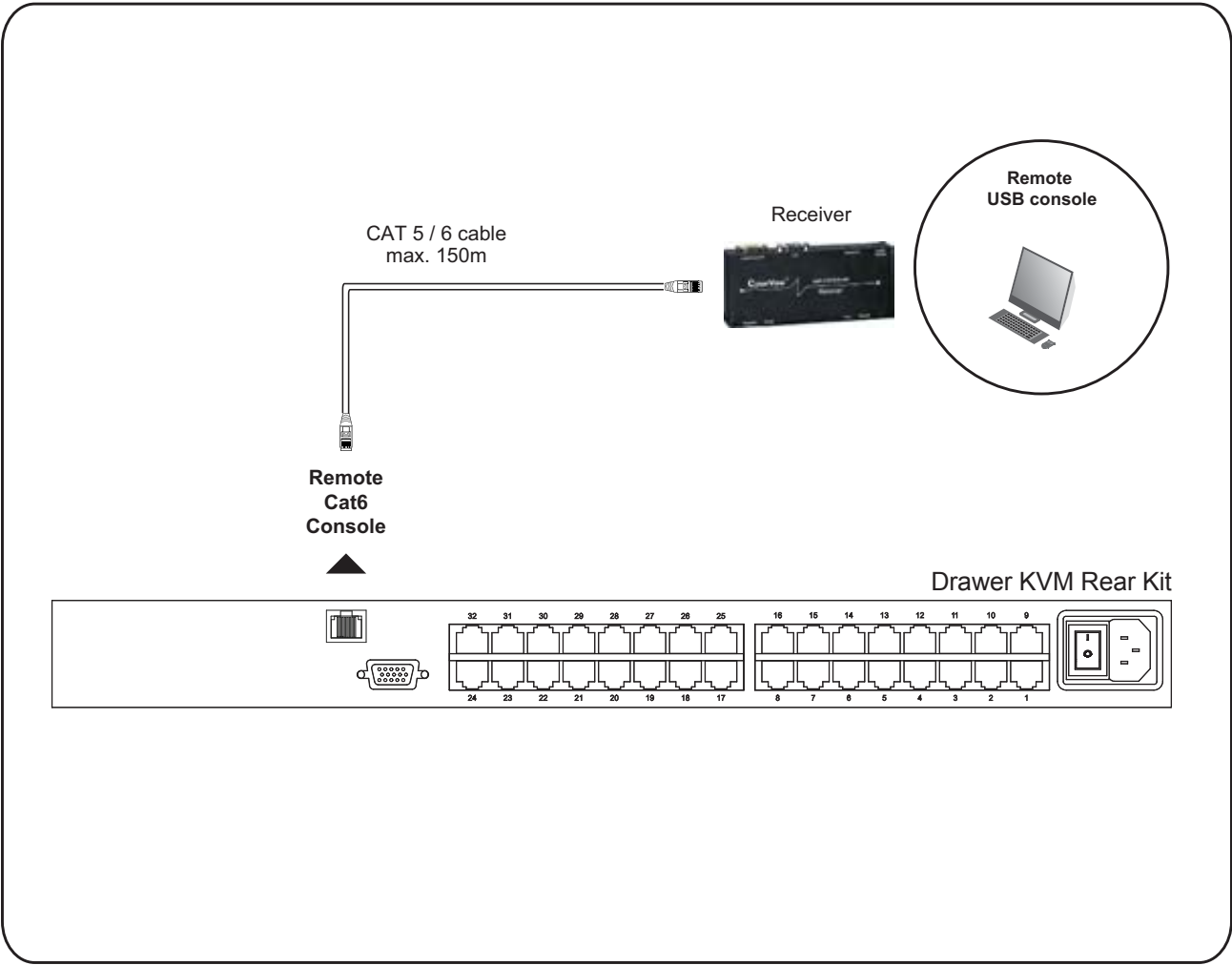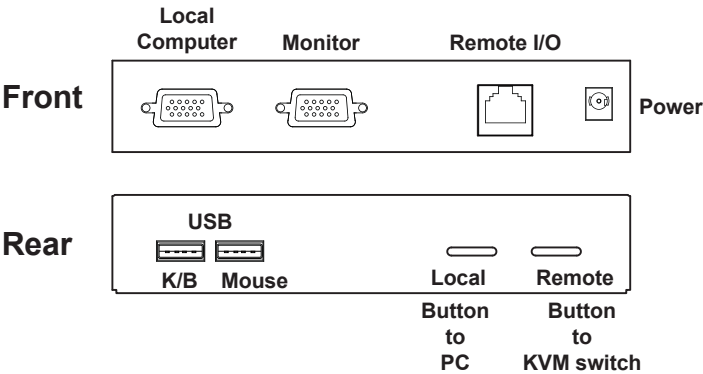
⚠ **The receiver provides a hotkey function for remote console. Please refer to P.20**

Remote Console

Drawer KVM Rear Kit

Local computer (Optional setup)

CE-6 Combo KVM cable

Monitor

Cat6 cable up to 150m

12V DC Power Adapter

Front

Rear

< 2.4 > KVM Cascade

- 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 U-801 / U-1601 / U-3201.**

⚠️ **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).**

Master KVM   Drawer KVM Rear Kit

Cascade

To console VGA port

Slave KVM level 2 — Standalone KVM — U-1601
Slave KVM level 3 — Standalone KVM — U-1601
Slave KVM level 4 — Standalone KVM — U-1601
Slave KVM level 5 — Standalone KVM — U-1601
Slave KVM level 6 — Standalone KVM — U-3201
Slave KVM level 7 — Standalone KVM — U-3201
Slave KVM level 8 — Standalone KVM — U-3201
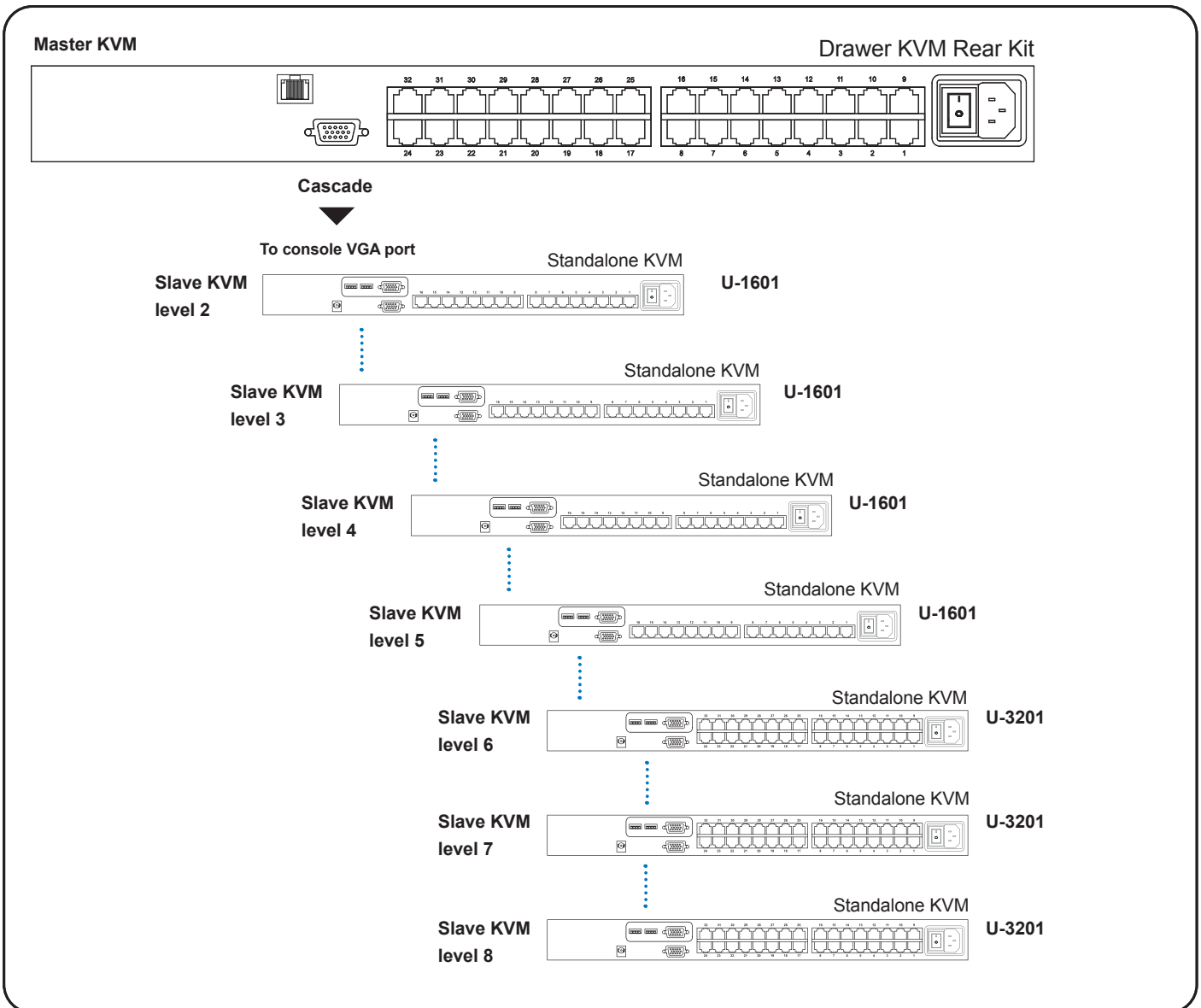
CBC-6

- 6ft Combo KVM cascade cable

|	**-U802**	**-U1602**	**-U3202**
■ **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**	Nil for LCD console drawer version		
■ **Remote Console**			
Connector:	1 x DB 15-pin, VGA		
Resolution:	Up to 1600 x 1200 (500 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, SUN and Mac G3 / G4 Mac / iMac		
Support:	Windows 7 / Vista / 2003 / XP, Linux, Unix		
■ **Power**			
Input:	Auto sensing 100 to 240VAC, 50 / 60 Hz OR AC / DC power adapter 12V@3.3A (optional)		
Option DC:	12V / 24V / 48V DC input		
Consumption:	Max. 48 Watt, Standby 5 Watt		
■ **Regulatory**			
Safety:	FCC & CE certified		
Environment:	RoHS2 & REACH compliant		
■ **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)		

< 2.6 > Resolution Support Information

	Max 4:3 LCD	Max 16:10 LCD
Remote console	1600 x 1200	1440 x 900
Local console	1600 x 1200	1440 x 900
IP console	1600 x 1200	N/A

Cat6 Dongle	EDID Resolution Hard-coded	Resolutions Capable			
		4:3			16:10
		1024 x 768	1280 x 1024	1600 x 1200	1440 x 900
DG-100	1600 x 1200	✔	✔	✔	✔ *
DG-100S	1600 x 1200	✔	✔	✔	✔ *
DG-100SD	1280 x 1024	✔	✔	✘	✘

* Requires the user to enable showing unsupported resolutions via the target computer's video adapter settings
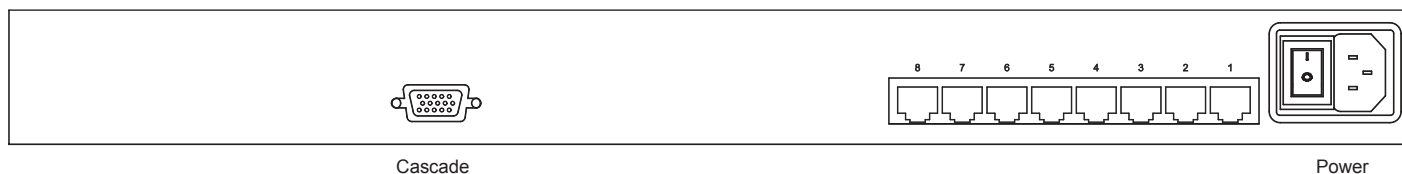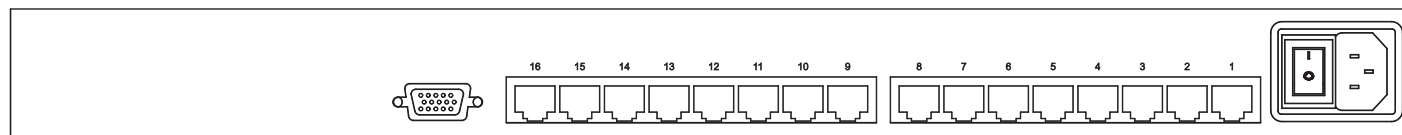 (effectively ignoring the DDC / EDID)

-U801
-U1601
-U3201

KVM Rear Kit
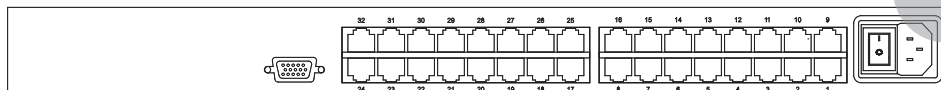
back

⚠ **The power of the KVM rear kit may be changed to external power design based on the LCD console drawer series and model.**
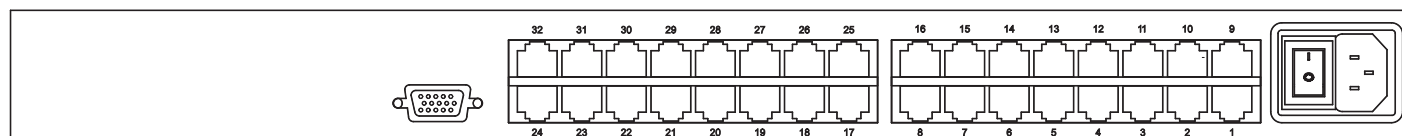
-U801

Cascade

Power

-U1601

-U3201

USB Servers

**DG-100SD
DVI-USB dongle**

USB

CAT 5 / 6 cable
max. 40 meters

DVI-D

Cat6 KVM port

Drawer KVM Rear Kit

| 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 |

| 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

PS/2 Servers

PS/2

**DG-100
VGA-PS/2 dongle**

VGA

CAT 5 / 6 cable
max. 40 meters

USB Servers

**DG-100S
VGA-USB dongle**

USB

VGA

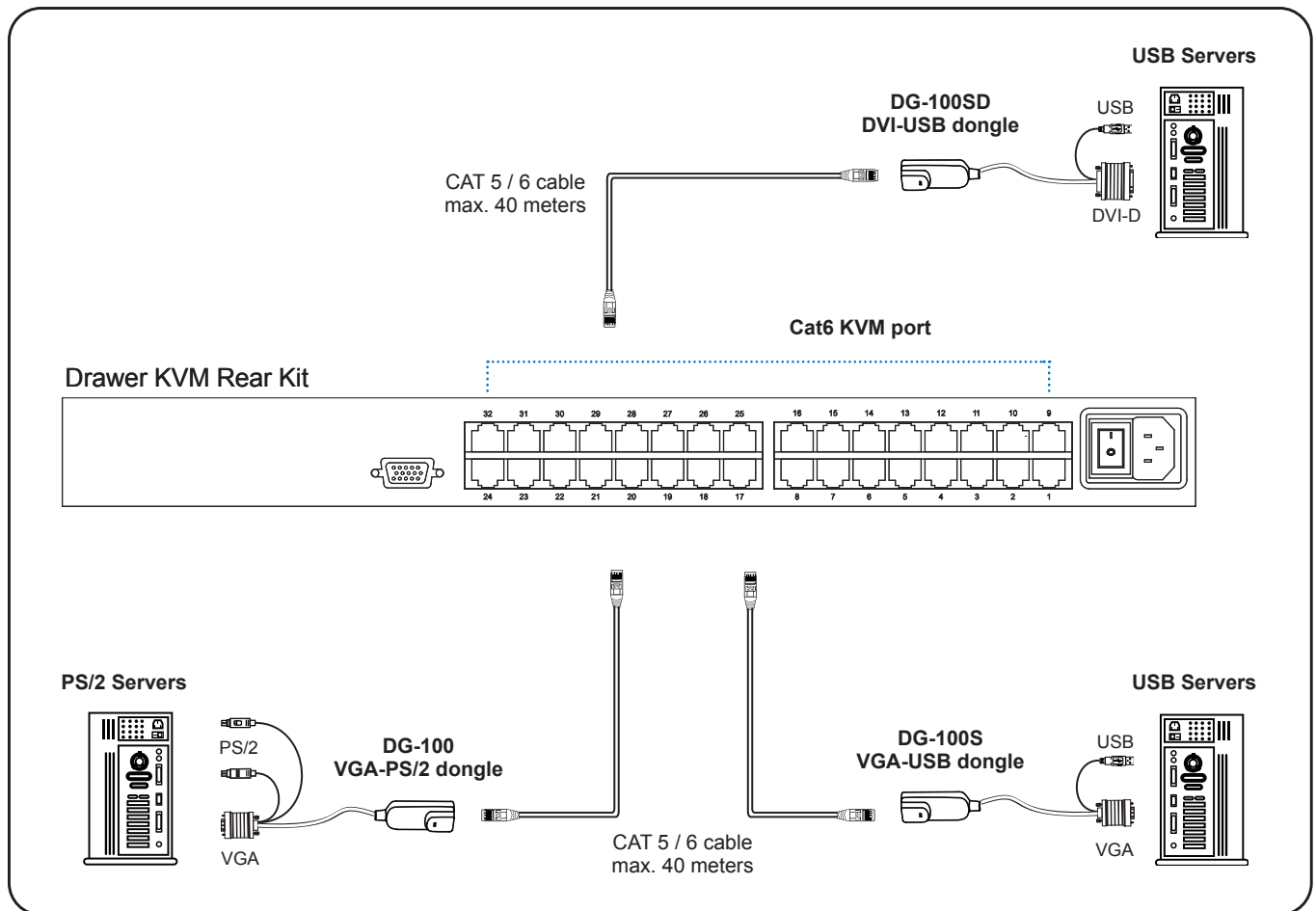## DG-100SD DVI-USB dongle

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

DG-100S VGA-USB dongle

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

DG-100 VGA-PS/2 dongle

- 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
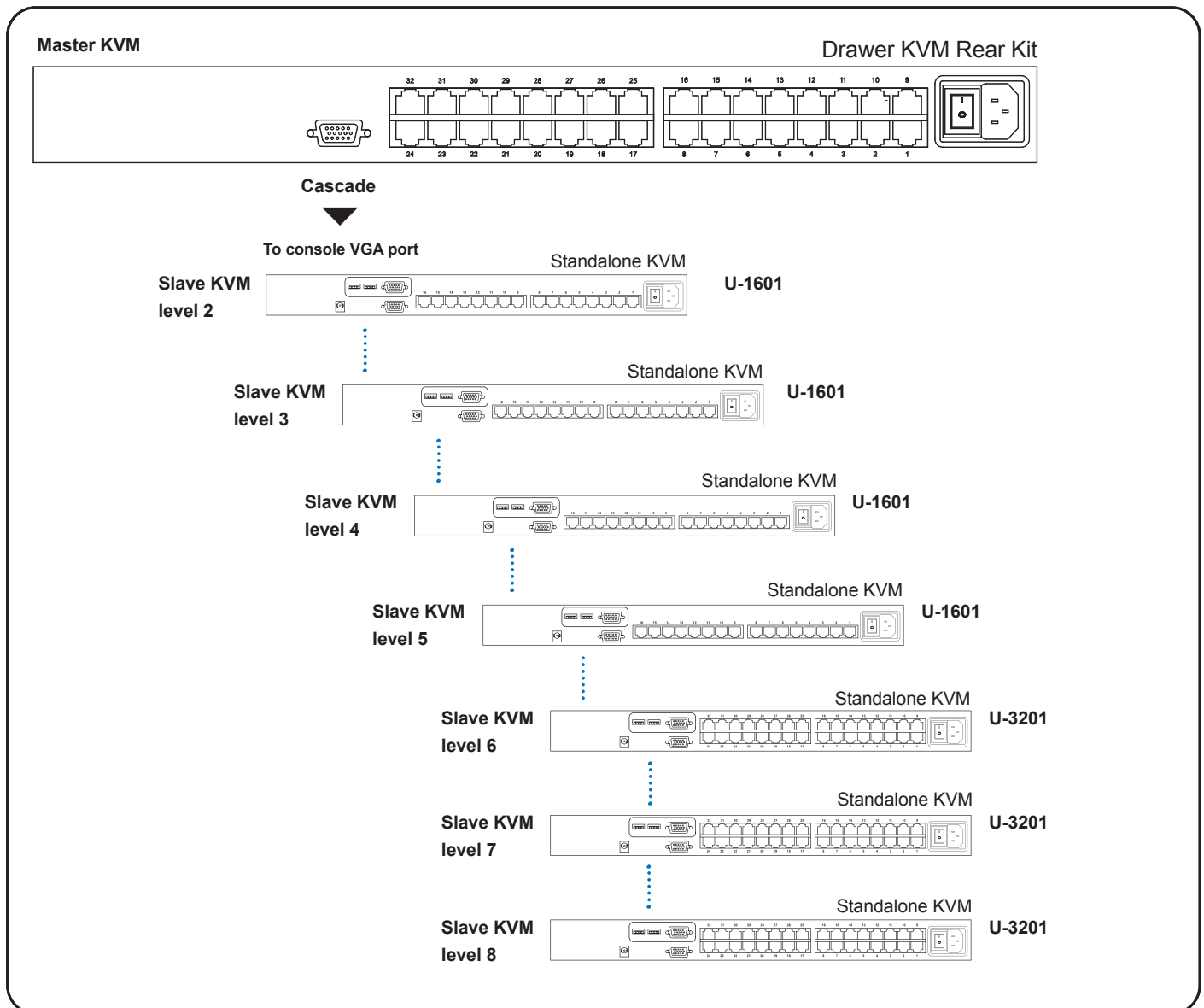
< 3.3 > KVM Cascade

■ 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 U-801 / U-1601 / U-3201.**

⚠ **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).**

Master KVM   Drawer KVM Rear Kit

Cascade

To console VGA port

Slave KVM level 2	Standalone KVM	U-1601
Slave KVM level 3	Standalone KVM	U-1601
Slave KVM level 4	Standalone KVM	U-1601
Slave KVM level 5	Standalone KVM	U-1601
Slave KVM level 6	Standalone KVM	U-3201
Slave KVM level 7	Standalone KVM	U-3201
Slave KVM level 8	Standalone KVM	U-3201

CBC-6
■ 6ft Combo KVM cascade cable

		-U801	-U1601	-U3201
■	**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**	Nil for LCD console drawer version		
■	**Management**			
	Multilingual OSD:	English, France, German, Spanish, Italian, Russian, Simplified Chinese, Japanese		
	Hotkey combination:	Scroll-lock, Cap-lock, Num-lock, Alt, Ctrl & Win		
	Security:	Password enable & disable, up to 8 users profile for port access		
	PC Selection:	Front button, OSD menu & hotkey		
■	**Expansion:**	Up to 256 servers by 8-level cascade		
■	**Compatibility**			
	Multi-platform:	Mix PCs, SUN and Mac G3 / G4 Mac / iMac		
	Support:	Windows 7 / Vista / 2003 / XP, Linux, Unix		
■	**Power**			
	Input:	100 or 240V AC at 50 or 60 Hz OR AC / DC power adapter 12V@3.3A (optional)		
	Option DC:	12V / 24V / 48V DC input		
	Consumption:	Max. 24 Watt, Standby 5 Watt		
■	**Regulatory**			
	Safety:	FCC & CE certified		
	Environment:	RoHS2 & REACH compliant		
■	**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)		

	Max 4:3 LCD	Max 16:10 LCD
Remote console	1600 x 1200	1440 x 900
Local console	1600 x 1200	1440 x 900
IP console	1600 x 1200	N/A

Cat6 Dongle	EDID Resolution Hard-coded	Resolutions Capable			
		4:3			16:10
		1024 x 768	1280 x 1024	1600 x 1200	1440 x 900
DG-100	1600 x 1200	✔	✔	✔	✔ *
DG-100S	1600 x 1200	✔	✔	✔	✔ *
DG-100SD	1280 x 1024	✔	✔	✘	✘

* Requires the user to enable showing unsupported resolutions via the target computer's video adapter settings
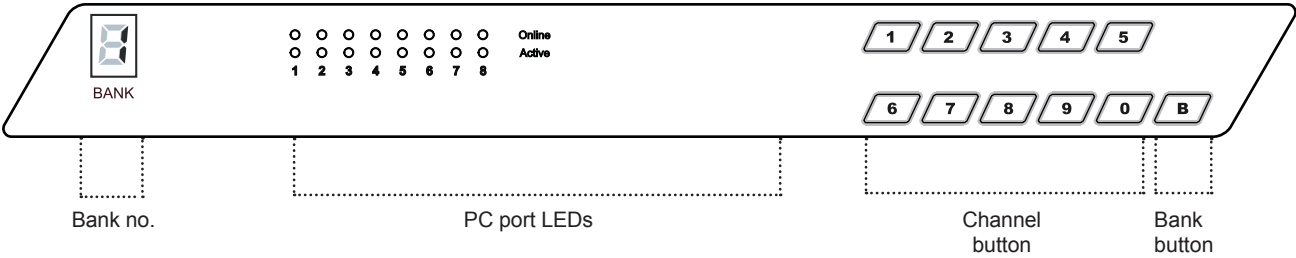 (effectively ignoring the DDC / EDID)

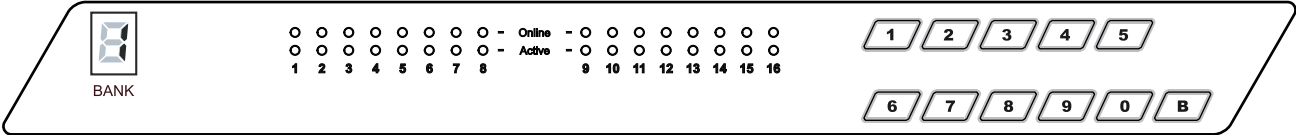## 4.1   KVM Button

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
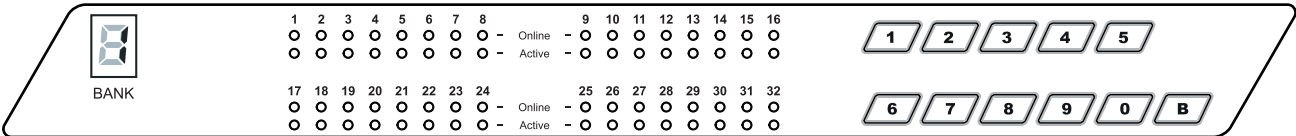
Front Panel - Port LED Indications

8 ports

Bank no.   PC port LEDs   Channel button   Bank button

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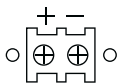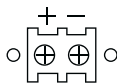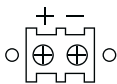
Model	12V	24V	48V
Input rating			
Input voltage:	12-Volt	24-Volt	48-Volt
Input range:	9 ~ 18V	18 ~ 36V	36 ~ 75V
Input current			
- No load	50 mA	50 mA	50 mA
- Full load	4950 mA	2450 mA	1220 mA
Output rating			
Output voltage:	12-Volt	12-Volt	12-Volt
Output current:	4.16A	4.16A	4.16A
Efficiency	84%	85%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

Remarks:
- Package does not include power cord

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