

User Manual



Designed and manufactured by Austin Hughes

UM-CV-751-2KKVM-Q322V1

Legal Information

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Information in this document has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents. The information in this document is subject to change without notice. We are not liable for any injury or loss that results from the use of this equipment.

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 labelled 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.
 - $\hfill\square$ Repair or attempted repair by anyone not authorized by us.
 - □ Any damage of the product due to shipment.
 - □ Removal or installation of the product.
 - $\hfill\square$ Causes external to the product, such as electric power fluctuation or failure.
 - $\hfill\square$ Use of supplies or parts not meeting our specifications.
 - \Box Normal wear and tear.
 - $\hfill\square$ 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 A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in business, industrial and commercial environments.

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.

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Before Installation

- It is very important to mount the equipment in a suitable cabinet or on a stable surface.
- Make sure the place has a good ventilation, is out of direct sunlight, away from sources of excessive dust, dirt, heat, water, moisture and vibration.

Unpacking

The equipment comes with the standard parts shown in package content. Check and make sure they are included and in good condition. If anything is missing, or damaged, contact the supplier immediately.

Installation for standalone KVM



< Part 1 > 2K KVM < 1.1 > Package Contents



CV-801D

Video	8	7	6	5	4	3	2	1
Keyboard Mouse								



IP console, remote console, daisy-chain and OSD menu are NOT available for this model.

< 1.2 > KVM port connection



2K KVM Cable CH-6D : 6 feet DVI-D KVM cable (Server end : DVI-D + USB-A) (KVM port : HDMI + USB-B)

CH-6H : 6 feet HDMI KVM cable (Server end : HDMI + USB-A) (KVM port : HDMI + USB-B)



< 1.3 > Specifications

CV-801D						
KVM Port						
Number of ports :	8					
Connector :	HDMI 1.4 + USB-B (Video +	KB / MS)				
	16 : 9 - max. 2560 x 1440@	@60Hz				
Resolution :	16 : 10 - max. 1920 x 1200(@60Hz				
Local Console	4:3 - max. 1600 x 1200(@60Hz				
Keyboard / Mouse :	2 x USB-A					
Video ·	1 x HDMI 1 4					
	$16:9 - max. 2560 \times 1440@60Hz$					
Resolution : 16 : 10 - max. 1920 x 1200@60Hz						
	4 : 3 - max. 1600 x 1200@60Hz					
Management						
PC Selection :	Front button & keyboard hotk	Front button & keyboard hotkey				
Compatibility						
Hardware :	HP / IBM / Dell PC, Serve	HP / IBM / Dell PC, Server and Blade Server				
OS Support :	SUN / Mac Windows / Linux / Unix / Mac OS					
Power						
Input :	Auto sensing 100 to 240VAC,	50 / 60 Hz				
Consumption :	Max. 10W					
Compliance						
EMC :	FCC & CE					
Safety :	CE / LVD & UKCA	CE / LVD & UKCA				
Environment :	RoHS3 & REACH / WEEE					
Environmental	Operating	Storage / Non-operating				
Temperature :	0 to 55°C degree	-20 to 60°C degree				
Humidity :	10~90%, non-condensing	5~90%, non-condensing				
Altitude :	16,000 ft	40,000 ft				
Shock :	10G acceleration (11ms duration)					
Vibration :	10~300Hz 0.5G RMS random					
Product Information						
Dimension (W x D x H) :	443 x 171 x 44 mm / 17.4 x	6.7 x 1.73 inch				
Net weight :	2.5 kg / 5.5 lb					
Packing Information						
Dimension (W x D x H) :	500 x 400 x 140 mm / 19.7 >	(15.8 x 5.5 inch				
Gross weight :	5.4 kg / 11.9 lb					

< Part 2 > Usage < 2.1 > 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

2К КVМ	• •	12345			
		67890B			
	PC port LEDs	Channel button			
PC port LEDs	Online : Blue LED on indi	cating a PC is connecting to the port			
	Active : Green LED on indicating a selected channel				
Channel button Press to select channel from 1 to 8					

lotkey	Function
Scroll Lock + Scroll Lock +	Switch to previous port
Scroll Lock + Scroll Lock +	Switch to next port
Scroll Lock + Scroll Lock + Port no.	Switch to specific port
Scroll Lock + Scroll Lock + S	Auto scan for powered on PC
Scroll Lock + Scroll Lock + B	Enable / Disable beeper sound
Remarks:	
 Remarks: ■ Example of "Scroll Lock + Scroll Lock + Port No. : 1 to 8 e.g. Port 4 : Scroll Lock + Scroll Lock e.g. Port 8 : Scroll Lock + Scroll Lock ■ You must press the hotkey within 3 seconds 	Port no." + 4 + 8

Hotkey Label

KVM Hotkey		S L = Scroll Lock					
Auto Scan		SL + SL + S		Change Port		: SL + SL + Up / Down Arrow	
Buzzer ON/OFF		SL + SL + B		Select Port		: SL + SL + Port No.	

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