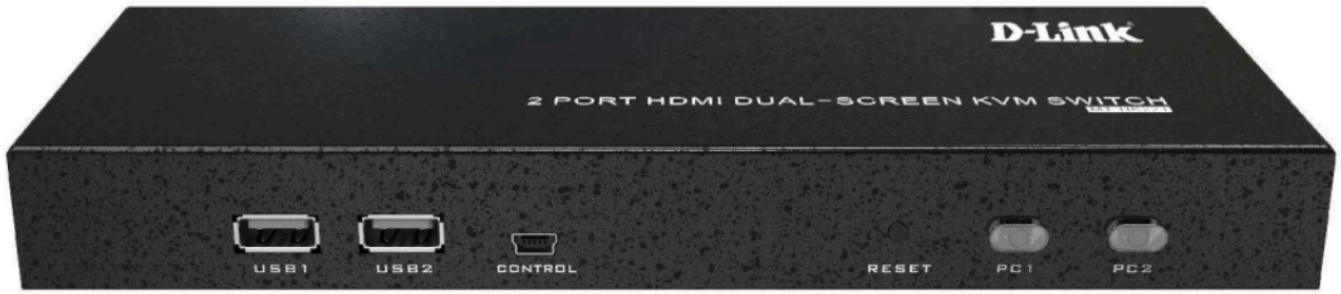
Version 1.00 | 10/2026



User Manual

Product photo for illustration only. Actual appearance may vary by hardware version and regional release.

2 In 2 Out HDMI KVM Switch

For support, visit dlink-mea.com

KVM-220HD

Introduction

The KVM-220HD shares two HDMI monitors, one keyboard and one mouse between two computers. It supports mirrored and extended displays, panel buttons, a wired desktop controller, keyboard hot keys and autoscan.

Each computer must provide two HDMI video outputs and a USB connection. Extended display also requires graphics hardware and operating-system support for screen extension.

Features

· Dual-channel video up to 4096 x 2160 / 3840 x 2160 at 60 Hz; 4K at 60 Hz, 4:4:4, 8-bit.

· HDMI 2.0 / 1.4; HDCP 2.2 / 2.3 / 1.4.

· USB 2.0 devices; wireless, mechanical and gaming keyboards and mice.

· Built-in selected-port LEDs; hot-plugging; no software required.

· Automatic HDMI equalisation; EDID pass-through.

Package Contents

· 1 x two-port KVM switch

· 2 x KVM cable sets

· 1 x desktop controller

· 1 x instruction manual

· 1 x DC 5 V power supply

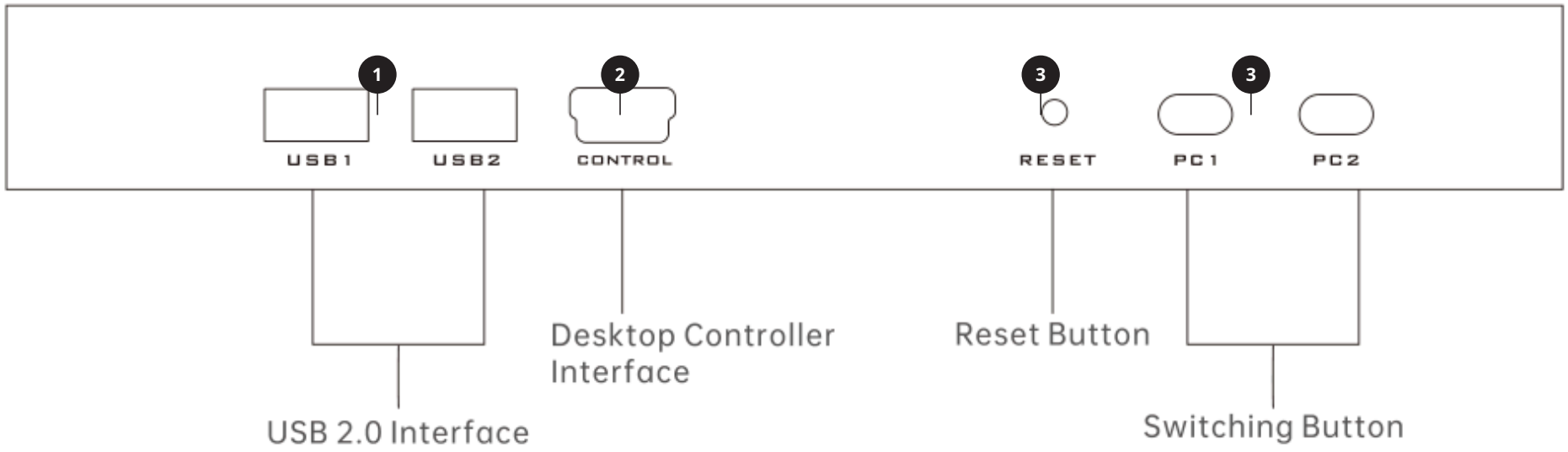
Specifications

Item	Specification
Computer connections	2; each requires two HDMI outputs
Computer ports	4 x HDMI female; 2 x USB Type-B
Console	2 x HDMI female; 2 x USB Type-A for keyboard/mouse; 2 x USB Type-A for USB 2.0 devices
Desktop controller	1 x Mini-USB; one-button cyclic selection
Buttons / LEDs	2 port buttons; 2 selected-port indicators; reset button
Video modes	480p, 720p, 1080p at 60 Hz; 4K x 2K at 30 or 60 Hz
Colour formats	RGB / YCbCr 4:4:4, 4:2:2, 4:2:0
HDR	Dolby Vision, HDR10, HLG and SL-HDR1
DDC / CEC	DDC supported; CEC not supported
EDID / USB	Pass-through / USB 2.0
System	Windows
ESD	3 kV
Firmware	Online upgrade not supported

Specifications (continued)

Item	Specification
Power supply	DC 5 V, 1 A
Maximum consumption	5 W
Scan interval	5-199 seconds; default 5 seconds
Housing / dimensions	Metal; 220.4 x 80 x 25.8 mm
Operating temperature	0 to 40 C
HDMI cable reach	At 4K / 60 Hz: 24 AWG, up to 5 m on each side. At 1080p: up to 20 m on each side.

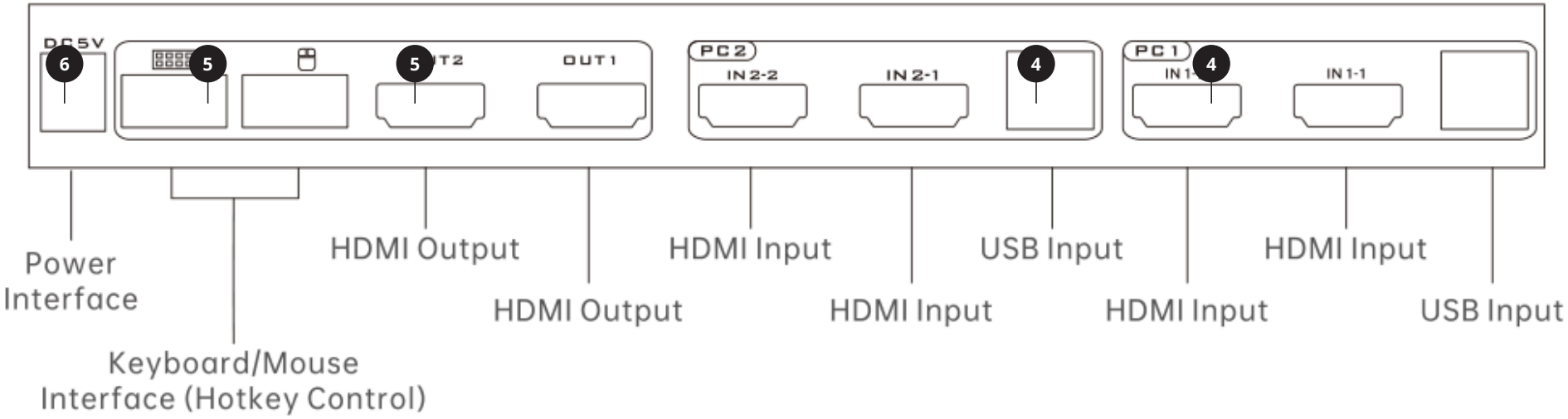
Product Overview: Front



No.	Name	Description
1	USB 2.0 hub ports	Connect optional USB devices.
2	Controller interface	Connect the desktop controller.
3	Reset and port buttons	Reset or select a computer.

USB 2.0 hub ports, Mini-USB desktop controller interface, reset button and port switching buttons.

Product Overview: Rear



No.	Name	Description
4	Computer inputs	Connect both HDMI outputs and USB from each computer.
5	Console outputs	Connect the two monitors, keyboard and mouse.
6	Power interface	Connect the DC 5 V, 1 A power supply.

Installation

1. Connect both HDMI outputs from PC1 to its paired HDMI inputs on the switch. Connect the PC1 USB port to the corresponding USB Type-B input.

2. Repeat the paired HDMI and USB connections for PC2. Each computer needs two HDMI outputs to drive both monitors.

3. Connect the two monitors to the two HDMI output ports. Connect the keyboard and mouse to the dedicated console ports marked for keyboard/mouse hot-key control.

4. Connect optional USB devices to the USB 2.0 hub ports, and the desktop controller to its Mini-USB interface.

5. Connect the DC 5 V, 1 A power supply. Set the required mirrored or extended display mode on each computer.

Press the desired port button or the wired desktop controller to switch computers. The port LEDs show the selected computer.

See Product Overview for the port locations.

Hot Keys

Quickly press HOME twice, then the command key. If hot keys conflict with an application or your system, use the panel button. HOME is the default prefix.

Key sequence	Action
HOME + HOME + Caps Lock	Use Caps Lock as the prefix
HOME + HOME + Scroll Lock	Use Scroll Lock as the prefix
HOME + HOME + Num Lock	Use Num Lock as the prefix

HOME mode

Key sequence	Action
HOME + HOME + 1 or 2	Select PC1 or PC2
HOME + HOME + Right or Down	Select the next computer
HOME + HOME + Left or Up	Select the previous computer
HOME + HOME + B	Turn the beep on or off
HOME + HOME + F11	Reset
HOME + HOME + S	Set automatic switching
HOME + HOME + I + number + Enter	Set scan interval (5-199 seconds)

Hot Keys (continued)

Caps means Caps Lock. To enter this mode, press HOME + HOME + Caps Lock.

Key sequence	Action
Caps + Caps + 1 or 2	Select PC1 or PC2
Caps + Caps + Right or Down	Select the next computer
Caps + Caps + Left or Up	Select the previous computer
Caps + Caps + B	Turn the beep on or off
Caps + Caps + F11	Reset
Caps + Caps + S	Set automatic switching
Caps + Caps + I + number + Enter	Set scan interval (5-199 seconds)
Caps + Caps + HOME	Return to HOME mode

Scroll Lock and Num Lock

For Scroll Lock mode, press HOME + HOME + Scroll Lock. Use Scroll Lock twice instead of HOME twice before each command in the table. Return to the default with Scroll Lock + Scroll Lock + HOME. HOME + HOME + Num Lock selects Num Lock as the prefix.

Reset

Use the panel reset button or the active prefix twice followed by F11.

Technical Support

For support, visit dlink-mea.com.