

Surface Hub ports and keypad overview

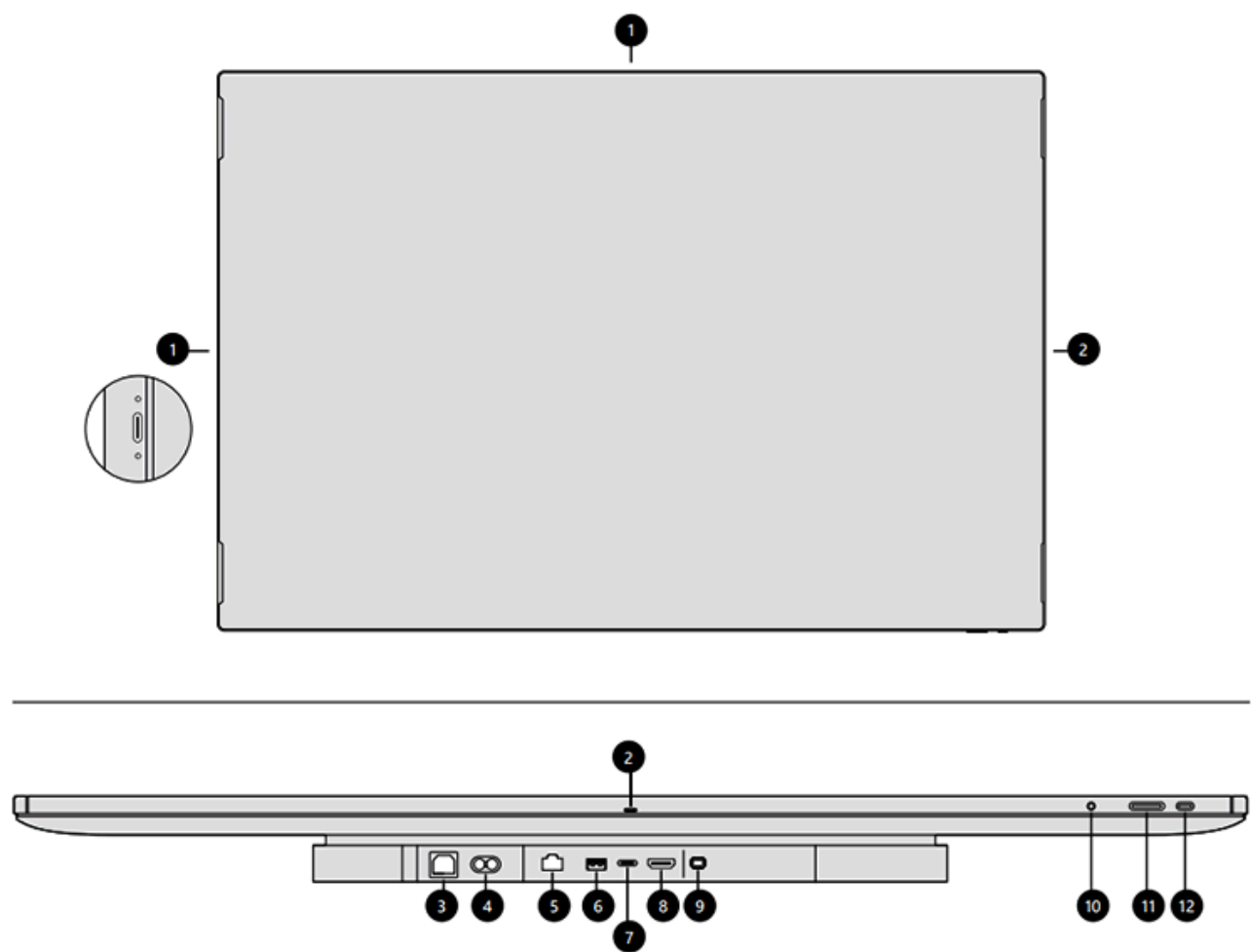
Applies to: Surface Hub 2S, Surface Hub 3

This page describes the ports, physical buttons, and configuration information essential for connecting to Surface Hub 2S or Surface Hub 3, whether wired, Wi-Fi, or Bluetooth. It also includes best practice recommendations for key connectivity scenarios.

Note

You can find the serial number on the outside of the packaging, on the display by the power cord, or by using the Surface app.

The figure below shows the location of ports and physical buttons on a keypad attached to the underside of the device. The table includes detailed descriptions of each element.



Port and keypad component reference

Key	Component	Description	Key parameters
1	Camera port	Use to connect Surface Hub Smart Camera in Landscape or Portrait modes	
2	USB C	USB 3.1 Gen 1 Use as a walk-up port for plugging peripherals such as thumb drives. Guest ports are on each side of the device (4). <i>NOTE: This is the recommended port for connecting an external camera. Additional camera mount features are incorporated into the design to help support the retention of attached cameras.</i> NOTE: TouchBack and video ingest are not supported on these ports.	Type C 15 W Port (5V/3A)
3	AC power	100-240 V input Connect to standard AC power, and Surface Hub auto switches to the local power standard, such as 110 volts in the US and Canada or 220 volts in the UK.	IEC 60320 C14
4	DC power	24V DC input port Use for connecting to mobile battery.	Xbox1 Dual barrel to Anderson connector
5	Ethernet	1000/100/10 Base-T Use for providing a continuous connection in a corporate environment and related scenarios requiring maximum stability or capacity.	RJ45
6	USB-A	USB 3.1 Gen 1 Use as a walk-up port for plugging peripherals such as thumb drives.	Type A 7.5 W Port (5V/1.5A)
7	USB-C	USB 3.1 Gen 1 Use as a walk-up port for connecting external PCs and related devices or plugging in peripherals such as thumb drives. <i>NOTE: This is the recommended input port for video, TouchBack, and InkBack.</i>	Type C 18 W Port (5V/3A, 9V/2A)
8	HDMI-in	HDMI 2.0, HDCP 2.2 /1.4 Use for multiple scenarios, available in Surface Hub 2S, including HDMI-to-HDMI guest input.	Standard HDMI

Key	Component	Description	Key parameters
9	Mini DP-out	Mini DP 1.2 output Use for video-out scenarios available in Surface Hub 2S, such as mirroring the Surface Hub 2S display to a larger projector. <i>NOTE: This supports a maximum resolution of 3840 × 2160 (4K UHD) @60Hz.</i>	Mini DP
10	Source	Use to toggle among connected ingest sources — external PC, HDMI, and Mini DP modes.	n/a
11	Volume	Use +/- to adjust audio locally on the device. <i>NOTE: When navigating to the brightness control, use +/- on the volume slider to control display brightness.</i>	n/a
12	Power	Power device on/off. Can also be used to toggle or select display menus.	n/a

