

Surface Hub Smart Camera tech specs

Applies to: Surface Hub 2S, Surface Hub 3

Technical specifications

 Expand table

Component	Description
Dimensions	43 mm high (54.6 mm high with foot) x 67 mm wide (42 mm wide foot) x 66 mm deep
Memory	1 GB DRAM, 8 GB eMMC (Not user accessible)
Processor	Intel Myriad X 2085 (Image Signal Processor and NN SOC with 1 TFLOPS of DNN acceleration and 18 cores)
Security	- Camera software is updatable through Windows Update via Hub - Software updates protected by signature security process
Software	Intelligent functionality: - Cloud IntelliFrame support on Microsoft Teams Rooms¹ - Automatic framing² (automatically frames people in field of view) - Image optimization (auto exposure, auto white balance, anti-flicker) - Tilt angle adapting de-warp/un-distortion for natural faces across the field of view Upgradability: - Internal Camera firmware can be updated with new functionality or bug fixes through Windows Update
Sensors	Sensor Resolution: 12MP
Connections	- Mounting: Top of Surface Hub 2S, Surface Hub 3 50", and Surface Hub 3 85" - Mechanical & Electrical Interface to Hub: USB-C break-away magnetic attach to top of bezel - Interface to Surface Hub 2S, Surface Hub 3 50", and Surface Hub 3 85": Customized USB-C - Reversible USB-C connection: Not supported
Camera and Video Features	- Fixed focus lens with 11 glass elements - 1 RGB Camera Module - Working Distances: 1.0 – 7.4 m

Component	Description
	- HFOV: >136 degrees - Tilt range: +20° and -20° from horizontal. Surface Hub Smart Camera⁴ adapts its de-warp mesh to un-distort the image according to the camera tilt angle, so the image always looks natural - Video Format: 16:9 (NV12 at 360p, 720p, 1080p, 1440p) - Privacy cover magnetically attaches to front of camera for privacy, and magnetically attaches to back of camera for convenient storage
Exterior	- Casing: Anodized Aluminum - Color: Platinum - Physical buttons: None - One white LED indicator for camera status (indicator is only visible when 'On')
Warranty ³	1-year limited hardware warranty (All Countries)
What's in the box	- Microsoft Surface Hub Smart Camera⁴ with privacy cover - Quick Start Guide - Safety and warranty documents
Weight	- 180 g with privacy cover

References

1. Software license required. Sold separately.
2. Available when running Windows 10 Team edition or Windows 10/11 Pro/Enterprise.
3. Microsoft's Limited Warranty is in addition to your consumer law rights.
4. Surface Hub Smart Camera dynamically adjusts the video feed for remote participants.² Surface Hub Smart Camera is available for purchase separately and included in the box with the following models: Surface Hub 3 50", Surface Hub 3" 85", and Surface Hub 2S 85".

Learn more

- [Order Surface Hub Smart Camera](#) 
- [Install and manage Surface Hub Smart Camera](#)