

Summary

The Solstice Pod provides industry-leading wireless collaboration that improves meeting start-up times, participant engagement, and meeting room productivity. Solstice supports a broad range of room configurations and is fully IT-compliant, enterprise-secure, and scalable to any number of spaces. The Gen3 Pod delivers the most powerful, flexible platform for proximate meetings through a consistent and contemporary collaboration experience for every user across every meeting space.



Key Capabilities

- Wireless 'Bring Your Own Meeting' solution
- Supports Windows, macOS, Android, and iOS devices, with browser-based support for Chromebook and Linux
- Solstice collaboration app
 - Share desktop, application windows, videos or images
 - Intuitive drag-and-drop UI
 - Customizable layout control
- Multiple app-free sharing options including
 - AirPlay
 - Miracast
 - Browser sharing
 - Wired HDMI input
- Touchless markup and annotation
- Screen key authentication
- Session moderation
- Supports up to two displays at 1080p, or supports a single touch and up to 4K UHD display

Additional Features and Integrations

- Agnostic room support for all major conferencing services such as Teams, Zoom, and GoToMeeting
- Wireless support for USB A/V room devices
- HTML-based digital signage playback
- Room and personal calendar integration
- Active video routing capabilities available with additional subscription
- API for third party integrations

IT Management & Security

- Secure support for up to 5 networks
- Remote cloud-based management
- Global deployment monitoring and alerts
- Meeting analytics and insights
- Support for network protocols such as 802.1x
- Quality of Service (QoS)
- Annual penetration testing

Pod Hardware and Technical Specs

Click to download [CAD](#) or [BIM](#) files



Part #: SP-8000-E1, SP-8100-E1

Hardware Ports

- Gigabit Ethernet with PoE+ support
- Power supply, DC 12V at 2 Amps (not included, order if needed)
- 2x HDMI out
- HDMI in (note: HDCP support can be enabled)
- Stereo out (3.5 mm), 8-channel 7.1 surround sound
- 2x USB 3.0
- 1x USB-C

Dimensions

Hardware Type	Compute Console
Size	184.2mm x 86.2mm x 26.3mm
Weight	0.75 lbs (340g)

Technical Specifications

Processor	Qualcomm Snapdragon™ 820, quad-core Kryo™ CPU
Graphics Processor	Adreno™ 530
Internal Storage	4GB RAM, 16GB eMMC Flash Storage
Ethernet	RJ45 Gigabit
Wireless	Dual band, 802.11ac 2x2 MIMO
Streaming Video Support	4K (4096 x 2160 @ 30Hz), HD (1920x1080 @ up to 60Hz), SD (1280x720 @ up to 60Hz)
Output	HDMI 2.0 for HDMI1 with Audio (8-channel 7.1 surround sound), HDMI 1.4 for HDMI2 with Audio (8-channel 7.1 surround sound), Stereo output
Input	HDMI 1.4b
I/O	2x USB 3.0, USB-C port
Operating Temperature (Ambient)	0° C (32° F) to 50° C (122° F)
Power Input	PoE+ or DC 12V @ 2A max
Avg. Power Consumption	6-10W
Power Efficiency Level	VI
Adaptor	Switching 100-240VAC, 50/60Hz, changeable plug type (international support)
Adaptor Region Support	US, EU, AK, AUS
Warranty	Limited 1-year manufacturer's hardware warranty with option to extend to 3 years



Testing and Certifications

Certifications ANRT, BSMI, CCC, CE, EAC, ETA, FCC, IEC CB Scheme, IMDA, KC, MIC-T, MIC / VNTA, MOC, NOM, NTC, RCM, RoHS, SRRC, UL, TAA compliant

Accessibility WCAG 2.0 AA Compliant. Full VPAT document available [here](#).

WiFi/Transmission Specifications

Frequency Bands Bluetooth Classical: 2402MHz – 2480MHz
BLE: 2402MHz – 2480MHz
2.4GHz WIFI:
20MHz BW: 2412MHz – 2472MHz
40MHz BW: 2422MHz – 2462MHz
5GHz WIFI:
20MHz BW: 5180MHz – 5240MHz, 5260MHz – 5320MHz, 5500MHz – 5700MHz
40MHz BW: 5190MHz – 5230MHz, 5270MHz – 5310MHz, 5510MHz – 5670MHz
80MHz BW: 5210MHz, 5290MHz, 5530MHz – 5610MHz

Transmit Power/Power Range Bluetooth Classical: 12.50dBm EIRP
BLE: 4.81dBm EIRP
2.4GHz WIFI:
20MHz BW: 15.90dBm EIRP
40MHz BW: 15.93dBm EIRP
5GHz WIFI:
20MHz BW: 15.84dBm EIRP
40MHz BW: 15.72dBm EIRP
80MHz BW: 15.41dBm EIRP

How to Buy

Please contact sales@mersive.com for purchase options.





Architects and Engineers Specs

The Solstice Pod is designed for two primary use cases:

1. Enabling wired or wireless content streaming and/or device screen sharing to an in-room display over the LAN or a P2P connection. Connection is made via the Solstice user app supporting Windows, MacOS, Android, and iOS devices. Alternate connection methods include Airplay, Miracast, browser sharing and wired HDMI input.
2. To wirelessly connect web-based soft codec conferencing applications installed on a meeting host's laptop with in-room audio and video devices, as well as the in-room display. Connection to the Solstice Pod can be controlled via a random 4-digit code displayed on the splash screen.

The Solstice Pod utilizes an Ethernet network and/or internal wireless NIC to support up to 5 networks. Configuration is achieved via Solstice Cloud (cloud-based management portal) or Solstice Dashboard (LAN-based management tool). Limited local configurations can be made via USB 3.0 ports on the back of the Pod.

The Solstice Pod can be powered either via a PoE+ enabled network switch, or a Mersive-supplied DC 12V at 2 Amps power supply (not included, order if needed).

The Solstice Pod is equipped with two USB 3.0 type A ports on the back of the Pod. The Solstice Pod can receive camera or microphone input from a supported USB A/V device via a USB 3.0 connector or USB 2.0 connector. The Solstice Pod can transmit the audio and video streams to the meeting host laptop wirelessly over the LAN.

The Solstice Pod supports HDMI output connectivity to up to two in-room displays. The Solstice Pod supports output resolutions up to 4K when connected to a single display via HDMI 1 port, or output resolutions up to 1080p when connected to a single display via HDMI 2 port, or output resolutions up to 1080p when connected to two displays using both HDMI 1 and HDMI 2 ports.

The Solstice Pod sends audio out (7.1 surround sound) over the connected HDMI port. When connected to two displays, the Solstice Pod will send audio out over the inner HDMI 2 port. Additionally, the Solstice Pod supports a stereo out (3.5 mm) audio out connection.

Solstice Pods support HDCP 1.4 via the HDMI in port (Gen3 Pod; serial #MPOD8000A2xxxxxx or higher).

The Solstice Pod can display a room or personal calendar by integrating with Microsoft Exchange, Microsoft O365, Google Workspace Calendar, or other third-party calendar applications via API.