

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 files: [CAD](#) | [BIM](#) | [Visio](#)



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	UL/IEC/EN certified power source of 12VDC, 2A rating with barrel connector of 5.5mm outer diameter, 2.1 mm inner diameter, center positive polarity PoE+ source compliant to IEEE 802.3 at Type 2
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



Testing and Certifications

Warranty	Limited 1-year manufacturer's hardware warranty with option to extend to 3 years
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 a PoE+ network switch compliant to IEEE 802.3at Type 2 or any UL/IEC/EN certified power source rated 12VDC / 2A with an output barrel connector of 5.5mm outer diameter, 2.1 mm inner diameter, and center positive polarity. Mersive can also provide a DC 12V @ 2 Amps power supply designed for the Gen3 Pod (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.