



Video Processing Output Module VOM-VP02H Quick Reference Guide

The Video Processing Output Module, VOM-VP02H, is used to overlay TrueCommand OSD onto the currently playing video stream. Each card allows for connection of up to two (2) OSD video streams and two (2) displays.

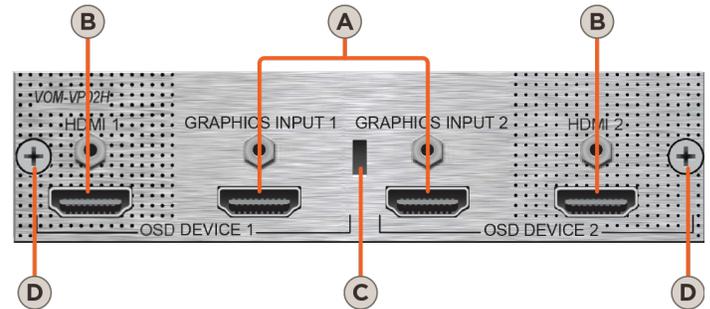
Box Contents

- (1) VOM-VP02H-06
- (1) HDMI Locking Cable (3 feet) (CBL-3LHDMI-xx)
- (1) Quick Reference Guide (this document)

Specifications

Environmental	
Refer to the SmartMediaPro chassis specifications.	
Dimensions and Weight	
Height	1.31 in (3.33 cm) - Faceplate
Width	5.11 in (12.98 cm) - Faceplate
Depth	6.98 in (17.73 cm) - Faceplate and Board
Weight	Shipping Weight: 1 lb (0.45 kg)
Power	
Power is supplied through the SmartMediaPro chassis when module is inserted (Do not hot plug module).	
Compliance	
Safety and Emissions	FCC Part 15 CE Mark C-Tick
RoHS	Compliant
Minimum Supported Release	
Savant OS	da Vinci 5.2.1

Rear Panel



- A** Graphics Input 1 and 2
19-pin type A HDMI female digital video/audio input
Connect to HDMI or Thunderbolt (with adapter) on Pro Host for TrueCommand OSD.
- B** HDMI 1 and 2
19-pin type A HDMI female digital video/audio input
Connect to display for TrueCommand OSD overlay.
- C** Module Removal Slot
Insert the module removal tool (included with chassis) into this slot and pull outwards to remove the module.
- D** Retaining screws
M3 x 6 mm Phillips head flush mount screws, Pre-installed in chassis.
Used to fasten the module to the chassis.

IMPORTANT! Module Installation Precautions



ELECTRIC DISCONNECT!

Power Off the controller by setting the power switch on the rear of the chassis to Off (O) and remove the power cord before inserting or removing any module from the SmartMediaPro chassis. Failure to do so may cause damage to the equipment.



IMPORTANT! Electrostatic Discharge (ESD) Warning:

Observe the following precautions to avoid damage from electrostatic discharge (ESD) when handling modules.

- Use an approved ESD wrist or ankle-grounding strap. Ensure the grounding strap makes good skin contact.
- Connect the clip end of the ground strap to a threaded grounding stud on the chassis.



- When returning a replaced module to Savant, place the module in the clamshell package in which it was originally shipped in or a static shielding bag.

NOTE:

The wrist strap only protects the component from ESD voltages on the body; ESD voltages on clothing can still cause damage.

Module Installation

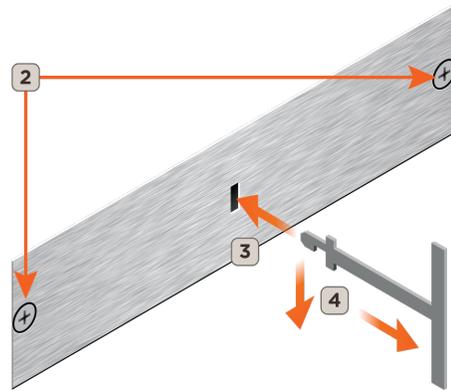
Refer to [Module installation Precautions](#) above before installing module.

1. Power Off the SmartMediaPro Chassis using the power switch located on the rear of the chassis and disconnect the AC power cord.
2. Remove the two (2) M3 x 6 mm retaining screws. Set screws aside as they will be used later in procedure.
3. Align the module board with the two rails located at the bottom of the opening and gently slide the module all the way until a slight resistance is felt. This is where the connector on rear of the PCB gets seated into the chassis connector.
4. Gently press on the module the rest of the way until it seats into the connector at the rear of the slot and the plate seats against the chassis.
5. Insert the screws removed in step 2 and tighten.

Module Removal

Refer to [Module installation Precautions](#) above before removing module.

1. Power Off the SmartMediaPro Chassis using the power switch located on the rear of the chassis and disconnect the AC power cord.
2. Remove the two (2) M3 x 6 mm retaining screws. Set screws aside as they will be used later in procedure.
3. With the notch in the module removal tool (included with SmartMediaPro chassis) facing downward, insert the tool into the slot in the module faceplate.
4. Lower the tip of the tool downward to ensure it is hooked behind the faceplate and with slight outward pressure, pull the module outward. A slight resistance will be felt as the module is unseated from the chassis side of the connector.



5. Slide module out until it is completely removed from chassis.
6. If the module is being replaced, refer to the [Module Installation](#) instructions for proper installation procedure.
7. If the module is not being replaced, install a blank plate using the two (2) M3 x 6 mm screws removed in step 2. This will ensure that proper airflow through the chassis is retained as well as preventing dust and debris from entering the chassis.

Wiring and Connections

IMPORTANT!!

The SVR-5000S can only have a single display port connected, a second OSD server is required when using an SVR-5000S host.

