

HDMI DISTRIBUTOR MODEL A222907

Chroma A222907 HDMI Distributor has HDMI signal output interface that can work with the Video Pattern Generator of Chroma to perform extended tests for HDMI signals.

This distributor has 1-In/4-Out HDMI ports that comply with the HDMI 1.3 standards to support the tests for the newest HDMI 1.3 functions.

In addition, Chroma A222907 is equipped with Distributor and Multiplexer modes that each output port can set the HDCP/EDID to be enabled or disabled concurrently or separately to facilitate the user's tests greatly.

Supporting most of CEC features which are used to communicate with HDMI network. Chroma A222907 can also output 4 CEC commands simultaneously to reduce user's test time. Depends on the showing response message from A222907 on the screen, users can verify the CEC function immediately.

In order to comply with the multi-port input design of digital FPD industry, this distributor adopts external connection with handy compact size to ease the use in variety of production lines and R&D labs.

Chroma A222907 has dynamic message function which can display HDCP key data and EDID content of TV and help users to check the data correctness.

This distributor is applicable for the Signal Generators with Smart I/O manufactured by Chroma to extend and expand the HDMI signals for various applications such as the long distance transmission of serial production line or parallel usage in demonstration room and etc. In the meantime, its special output design can be used to protect the back-end of a signal generator.

HDMI Distributor Application 1 for single unit

One A222907 has 4 outputs to test all of the HDMI ports (maximum 4) on the display directly.

HDMI Distributor Application 2 for single unit

One A222907 can output signals to 4 displays to test the EDID & HDCP functions and interpret the data separately or concurrently.

HDMI Distributor Application 3 for multiple units

Multiple A222907 can be connected in series to test even more displays for the series-parallel application of multiple devices.

HDMI Distributor Application 4 for CEC feature

One A222907 can output features to 4 different displays to test CEC function of TV independently.

HDMI Distributor

MODEL A222907

Key Features

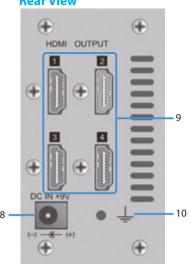
- One HDMI Source to connect up to4 displays
- Support Full-HD 1080P resolution
- Compliant with HDMI V1.3
- Compliant HDCP V1.2
- HDCP Key sets allows each output independently
- ☐ Control by Smart I/O interface
- DDCIIB Plug & Play Function
- Distributor / Multiplexer Mode selection
- ESD protection
- Low cost





Front View 2 SMART HDMI

Rear View

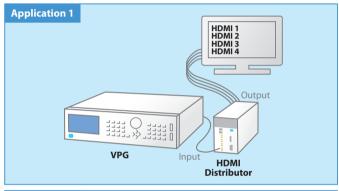


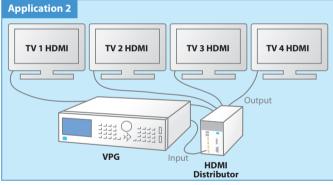
- 1. Logo and Power Indicator
- 2. Remote Switch
- 3. Manual Switch
- 4. HDMI Output Status Indicators
- 5. Power Switch
- 6. VPG SMART I/O Port
- 7. HDMI Input Port
- 8. DC Input: DC 9V Input
- 9. HDMI Output Ports
- 10. Grounding Screw

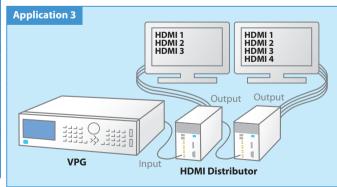
SPECIFICATION

Signal Format	SPECIFICATIONS			
Video Signal Pixel Rate Color Space RGB, ITU-601, ITU-709, xvYcc Radio Signal Sampling Frequency Roumber of Channels ESD / Surge protect (IEC 61000-4-2 Level 4 Regulation) HDMI / HDCP HDMI Version HDCP Version DDC DDC28 compliant E-EDID Version 1.2 DDC DDC28 compliant E-EDID Version1.3 CONNECTOR Input Signal Source from Chroma VPG Series HDMI 19 Pin x5 Smart I/O Support Feature ONE TOUCH PLAY SYSTEM STANDBY OSD DISPLAY SET OSD NAME GIVE POWER STATUS AUDIO CONTROL Remote Mode Manual Mode Output ON / OFF, or selection OTHER User Interface DC Input Operation Storage -20~+60 deg.C Humidity DIMENSION & WEIGHT A222907 (H x W x D) Sam x 1/0 x 25 to 155 MHz (TMDS CLX : 225MHz) RGB, ITU-601, ITU-709, xvYcc RGB, ITU-601, ITU-709, xvYcc RGB, ITU-601, ITU-709, xvYcc RGB, ITU-601, ITU-709, xvYcc Storage 32 to 192 KHz Rohannel Equipped with Smart I/O Portsion 1.2 ONE TOUCH PLAY SYSTEM STANDBY OSD DISPLAY SYSTEM STANDBY OSD DISPLAY SET OSD NAME GIVE POWER STATUS AUDIO CONTROL FRONT CONTROL MODE Remote Mode Output ON / OFF, or selection OTHER Smart I/O DO Poration -5~+40 deg.C Storage -20~+60 deg.C Humidity DIMENSION & WEIGHT A222907 (H x W x D) 3.46 x 1.77 x 7.87 inch	OUTPUT			
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Audio Signal Sampling Frequency 32 to 192 KHz Number of Channels 8 Channel ESD / Surge protect (IEC 61000-4-2 Level 4 Regulation) HDMI / HDCP HDMI Version Version 1.3a HDCP Version Version 1.2 DDC DDC2B compliant E-EDID Version1.3 CONNECTOR Input Signal Source Equipped with Smart I/O port in 22xx / 23xx Series HDMI HDMI 19 Pin x5 Smart I/O 3 In 3 Out x1 CEC ONE TOUCH PLAY SYSTEM STANDBY OSD DISPLAY SET OSD NAME GIVE POWER STATUS AUDIO CONTROL FRONT CONTROL MODE Remote Mode Control by VPG or Manual Manual Mode Output ON / OFF, or selection OTHER User Interface Smart I/O DC Input 9V/2A (With Chroma adapter only) Temperature Operation +5~+40 deg.C Storage -20~+60 deg.C Humidity DIMENSION & WEIGHT A222907 (H x W x D) 3.46 x 1.77 x 7.87 inch	Video Signal	Pixel Rate		
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User Interface Smart I/O	Manual Mode		Output ON / OFF, or selection	
DC Input 9V/2A (With Chroma adapter only) Temperature Operation +5~+40 deg.C Storage -20~+60 deg.C Humidity 20~90% DIMENSION & WEIGHT 88 x 45 x 200 mm / 3.46 x 1.77 x 7.87 inch	OTHER			
Operation	User Interface		Smart I/O	
Storage				
Storage	Temperature	Operation		
DIMENSION & WEIGHT 88 x 45 x 200 mm / A222907 (H x W x D) 3.46 x 1.77 x 7.87 inch		Storage		
88 x 45 x 200 mm / A222907 (H x W x D) 3.46 x 1.77 x 7.87 inch			20~90%	
A222907 (H x W x D) 3.46 x 1.77 x 7.87 inch				
750g / 1.65lbs	A222907 (H x W x D)			

HDMI DISTRIBUTOR APPLICATIONS







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