

1T-HDMI-612, 1T-HDMI-614 and 1T-HDMI-618 High Definition Multimedia Interface (HDMI) Distribution Amps are ATC Certified and HDCP compliant. The 1T-HDMI-612 provides two outputs for one input, the 1T-HDMI-614 provides up to four outputs and the 1T-HDMI-618 furnishes up to eight outputs. All products maintain the signal components present within the encoded signal and allow the user to easily select program material without plugging and unplugging cables.

The distribution amplifiers require no control or set up. Simply plug the included power adapter into a working outlet, connect high quality HDMI cables to the input and outputs and the unit will provide multiple HDMI compliant signals to the destination HDMI compliant devices. HDTV resolutions of 480p, 720p, 1080i and 1080p are supported as well as 480i non-HDTV resolution.

All products will operate as desk top units. Alternatively, the 1T-HDMI-612 and 1T-HDMI-614 can be mounted in a remote location using supplied special mounting hardware and the 1T-HDMI-618 may be mounted in a standard 19" rack using supplied rack mounting ears.

All three products have been certified as being HDMI compliant by Silicon Image's ATC test facility. The units are housed in rugged metal cases. They are 5VDC powered and a Power Adapter is included. The DC power connector is a locking type for security. For best performance at long distances, premium grade cables are recommended.



Key Features of the 1T-HDMI-600 Series DAs

- Multiple HDMI Outputs from a single source
- Supports HDTV from 480p to 1080p
- Supports 480i SDTV
- HDMI Certified by Silicon Image's ATC Laboratory
- HDCP Compliant
- Supports DDWG Standard for HDMI Monitors
- Mounting Brackets included with 1T-HDMI-612/614
- Rackmount Kit included with 1T-HDMI-618
- Locking DC Power Connector for Security
- 2, 4 and 8 Output versions available
- Units can be cascaded for even greater flexibility

Specifications

Video Input	
All Models	1x HDMI via Type A Connector
Video Outputs	
1T-HDMI-612	2x HDMI via Type A Connectors
1T-HDMI-614	4x HDMI via Type A Connectors
1T-HDMI-618	8x HDMI via Type A Connectors
Video Specifications	
HDTV Resolutions	480p, 720p, 1080i, 1080p
Maximum Bandwidth	1.65GHz
SDTV Resolution	480i
Maximum Cable Lengths	
Source to DA Input	Up to 15m (45') (Note 1)
DA Output to Display	Up to 15m (45') (Note 1)
Mechanical	
1T-HDMI-612 (H-W-D)	28x192x90.4mm (1.1"x7.6"x3.55")
1T-HDMI-614 (H-W-D)	28x264x153mm (1"x10".4x6")
1T-HDMI-618 (H-W-D)	44.5x284x175mm(1.75"x11.2"x6.9")
1T-HDMI-612 Wt (Net)	510 g (1.13 lbs)
1T-HDMI-614 Wt (Net)	1.02 kg (2.25 lbs)
1T-HDMI-618 Wt (Net)	1.45 kg (3.19 lbs)
Certification	
HDMI	Silicon Image ATC
Compliance	
HDMI Version	1.2

Environmental	
Operating Temperature	0° to +70°C (+32° to 158° C)
Operating Humidity	10% to 90%, Non-Condensing
Storage Temperature	-25° C to +95 ° C(-13° to +203° F)
Storage Humidity	10% to 90%, Non-Condensing
Warranty	
Limited Warranty	2 Years Parts and Labor
Power Requirement	
External Power Supply	5VDC@2A – Locking DC
Regulatory Approvals	
Amplifier Unit	FCC, CE, RoHS, HDMI ATC
Power Supply	UL, CUL, CE, PSE, GS, RoHS
Accessories Included	
1x Power Adapter	US, UK or Euro
Operations Manual	
Mounting Kit	1T-HDMI-612, 1T-HDMI-614
Rackmount Kit	1T-HDMI-618
Product Item Number	
1T-HDMI-612	2x1 HDMI DA
1T-HDMI-614	4x1 HDMI DA
1T-HDMI-618	8x1 HDMI DA
Notes	
(1) To achieve the max rated distance, use premium cables.	

Panel Drawings

