



## DVI Distribution Amplifier

Models 1T-DVI-512, 1T-DVI-514

**1T-DVI-512** and **1T-DVI-514** DVI Distribution Amplifiers with HDCP are compact, high performance products designed to meet the most demanding requirements for the distribution of DVI signals with HDCP copy protection. The 1T-DVI-512 provides transparent distribution of signals to two (2) destinations and the 1T-DVI-514 increases the number of outputs to four (4). The units have DVI-I Connectors for the input and outputs and are powered with an included AC power adapter that provides 9 VDC for operation. The units may be cascaded to deliver DVI with HDCP signals over greater distances from the source using premium grade DVI cable such as our Z-Plus brand. An LED indicator indicates the presence of DC Power.



**1T-DVI-512**



**1T-DVI-514**

### Key Features of the 1T-DVI-512 and 1T-DVI-514

- Fully HDCP Compliant
- Supports PC Resolutions to UXGA
- Supports all HDTV Resolutions
- 2 and 4 Output Versions
- The Distribution Amplifiers can be cascaded

### Specifications

#### Performance

HDTV Resolutions Supported	480i, 480p, 720p, 1080i
Maximum Display Resolution Supported	165MHz (UXGA)
Maximum Resolution	1600 X 1200@60Hz
Maximum Cable Distance (Outputs)	32 feet (10M) Using Premium Cable such as Z-Plus Brand

#### I/O Connectors

DVI Destination Port Connectors	2x or 4x DVI-I 29 pin female
Input Port Connector	1x DVI-I 29 pin female

#### Mechanical

Size H-W-D 1T-DVI-512	1.65"x6.0"x3.0" (42x153x75mm)
Weight (1T-DVI-512)	1.0 Pounds (475g)
Size H-W-D 1T-DVI-514	1.65"x8.75"x3.9" (42x269x104mm)
Weight (1T-DVI-514)	2.1 pounds (975g)

#### Warranty

Limited Warranty	2 Years Parts and Labor
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#### Environmental

Operating Temperature	0° to 40° C (+32° to +104° F)
Operating Humidity	10% to 85% Non-condensing
Storage Temperature	-20° to +60° C (+20° to +140° F)
Storage Humidity	10% to 85% Non-condensing

#### Power Requirements

External Power Supply	9VDC@1.3A
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#### Regulatory Approvals

Switcher Unit	FCC, CE
Power Supplies	UL, CE, CSA

#### Accessories Included

1x AC Power Adapter	US, UK or Euro Type
1x Operations Manual	

#### Product Item Numbers

1T-DVI-512	1 In x 2 Out
1T-DVI-514	1 In x 4 Out

### Panel Drawings

