

1T-HDMI-DVI/DVI-HDMI Specifications

Video Inputs

1T-HDMI-DVI	1x HDMI via HDMI Connector
1T-DVI-HDMI	1x DVI via DVI-I Connector

Audio Inputs

1T-DVI-HDMI	1x SPDIF Coaxial via RCA
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Video Outputs

1T-HDMI-DVI	1x DVI via DVI-I Connector
1T-DVI-HDMI	1x HDMI via HDMI Connector

Audio Outputs

1T-HDMI-DVI	1x SPDIF Coaxial via RCA
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HD I/O Resolutions (YPbPr)

Interlaced (50&60Hz)	480i, 576i, 1080i
Progressive (50&60Hz)	480p, 576p, 720p, 1080p
Special (24 to 30Hz)	1080p@24, 1080p@25, 1080p@30

PC I/O Resolutions (RGBHV)

VGA, SVGA, XGA	60,72,75,85 Hz
XGAi	87 Hz
SXGA	60,75,85 Hz
UXGA	60 Hz
1152x864	70,75,85 Hz

Compliance

HDMI	Version 1.0
DVI	Rev 1.0

Mechanical

Size (H-W-D)	30x76x105mm (1.2"x3.0"x4.1")
Weight (Net)	200 g (0.43 lbs)

Warranty

Limited Warranty	2 Years Parts and Labor
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Environmental

Operating Temperature	0° to +50° C (+32° to +122° F)
Operating Humidity	10% to 90%, Non-condensing
Storage Temperature	-10° to +60° C (+14° to +140° F)
Storage Humidity	10% to 90%, Non-condensing

Power Requirement

External Power Supply	5VDC@2A
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Regulatory Approvals

Converter Unit	FCC, CE, RoHS
Power Supply	UL, CUL, CE, PSE, GS, RoHS

Accessories Included

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

Product Item Numbers

1T-HDMI-DVI, 1T-DVI-HDMI

1T-FC-524, 1T-FC-425 Specifications

Video Inputs

1T-FC-524	1x RGB/YPbPr via HD-15
1T-FC-425	1x DVI-D via DVI-I Connector

Video Outputs

1T-FC-524	1x DVI-D via DVI-I Connector
1T-FC-425	1x RGBHV/YPbPr via HD-15

Component Signal I/O

Y Component	1V p-p@75Ω
Pb/Pr Component	0.7V p-p@75Ω
RGBHV Signal I/O	
R-G-B	0.7V p-p@75Ω
HV Sync	3-5V p-p@75Ω

Frequency and Bandwidth

Frequency	Up to 165Mhz
DVI Bandwidth	1.65Gbps (Single Link)

PC I/O Resolutions

VGA	640x480	60, 72, 75, 85Hz
SVGA	800x600	60, 72, 75, 85Hz
XGA	1024x768	60, 70, 75, 85Hz
Mac	1152x864	70, 75, 85Hz
SXGA	1280x1024	60, 75, 85Hz
UXGA	1600x1200	60Hz

SDTV I/O Resolutions

480i	720x480	60Hz (NTSC)
576i	720x576	50Hz (PAL)

HDTV I/O Resolutions

480p	720x480	60Hz
576p	720x576	50Hz
720p	1280x720	50, 60Hz
1080i	1920x1080 (i)	50, 60Hz
1080p	1920x1080 (p)	24, 25, 30, 60Hz

1T-FC-524 Input Format Switch

YPbPr	Select when the input is YPbPr
RGBHV	Select when the input is RGBHV

1T-FC-524 Output Format Switch

Analog Input	Setting	Output Signal
YPbPr	Bypass or RGB	Digital YPbPr or RGB
RGBHV	Bypass or RGB	Digital RGB Only

1T-FC-425 Output Format Switch

Digital Input	Setting	Output Signal
YPbPr	YPbPr	Analog YPbPr
RGBHV	RGBHV	Analog RGBHV

Compliance

DVI	Rev 1.0
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Mechanical

Size (H-W-D)	30x76x105mm (1.2"x3"x4.1")
Weight (Net)	200 g (0.43 lbs)

Warranty

Limited Warranty	2 Years Parts and Labor
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Environmental

Operating Temperature	0° to +50° C (+32° to +122° F)
Operating Humidity	10% to 90%, Non-condensing
Storage Temperature	-10° to +60° C (+14° to +140° F)
Storage Humidity	10% to 90%, Non-condensing

Power Requirement

External Power Supply	5VDC@2A
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Regulatory Approvals

Converter Unit	FCC, CE, RoHS
Power Supply	UL, CUL, CE, PSE, GS, RoHS

Accessories Included

1x Power Adapter	US, UK or Euro
1x Adapter Cable	HD-15 to 3 RCA
1x Operations Manual	

Product Item Numbers

1T-FC-524	RGBHV/YPbPr to DVI
1T-FC-425	DVI to RGBHV/YPbPr

