

Datasheet for CVI TO CVBS / HDMI / VGA Converter

Thank you for Purchasing this CVI Converter



Overview

CVI video converter is an equipment that using the latest scaler and frequency conversion technology, can easily converts CVI signal to CVBS , or HDMI signal, or VGA analog signal output.

Features

- Self-adaptive output HDCVI, HDMI, VGA, CVBS signal
- Lossless real time non-compression transmission
- Support CVI 720p/30,720p/25,1080p/30, 1080p/25,NTSC/PAL 960H camera input.
- CVI to CVBS (AV) — can lock CVBS output resolution 720*576 or 720*480, automatic frequency conversion and scaler. CVBS PAL/NTSC output optional.
- CVI to HDMI - Maximum HDMI output resolution 1080P@50/60hz, automatic frequency conversion and scaler
- CVI to VGA - Maximum VGA output resolution 1920 * 1080, automatic frequency conversion and scaler
- CVI input can automatically detect AHD PAL/NSTC
- CVI loop output
- Built-in ESD industrial-grade protection circuit, which can effectively prevent static electricity.
- Built-in industrial-grade against lightning protection
- Support user customization and OEM

Equipment list

CVI converter*1, operating manual*1, 12V 1A/2A power adapter*1

Interfaces

Port name	Functional specifications
CVI_IN	CVI Signal input
CVI_OUT	CVI Signal loop output
CVBS_OUT	CVBS Signal output (CVI to CVBS)
HDMI_OUT	HDMI Signal output (CVI to HDMI)
VGA_OUT	VGA signal output (CVI to VGA)
P/N	CVBS output PAL/NTSC selecte
720P/1080P	HDMI &VGA output resolution selecte
DC 5-12V	5V-12V DC power input

Indicator light	status	
PW	Light up	system powered on
	Put out	system un-powered on
SN	Light up	CVI signal locked
	Put out	CVI signal lost

Specifications

Working temperature range	-25 to+75 °C
Working humidity range	Relative humidity 30%~ 85%
Input video signal	0.5 -1.0 vols p-p
Output video	CVBS+VGA+HDMI
Input power	DC 5~12V, the outside is negative
Power consumption	CVBS output:250mA
	HDMI output:250mA
	VGA output:250mA
	CVBS+VGA+HDMI output:750mA
material	Aluminum alloy

Installation

1. CVI signal linked to CVI IN port by BNC interface
2. CVBS/HDMI/VGA display device linked to CVBS OUT/ HDMI OUT/ VGA OUT port
3. Device powered on
4. Customer can choose the required output format & resolution from the device