SC-MAC02U

HD ANALOG to HDMI Converter

SC-MAC02U is a multi-format converter that changes HD ANALOG(AHD 8M, TVI 8M, CVI 8M) and CVBS input signal into HDMI and CVBS simultaneously. This product is able to adjust the HDMI output resolution of the video regardless of the input signal type or resolution.

Features

- Convert 8M HD ANALOG(AHD 8M, TVI 8M, CVI 8M) and CVBS input signal into HDMI and CVBS output simultaneously
- Support various HDMI output resolution (~2160p 30Hz)
  - Output resolution adjustment function (built-in up/down scaler)
- Support UTC control function through Loop Out port
- HDMI port for monitoring without additional equipment
- Convert video in high quality without signal loss
- Compact aluminum case applied for superior construction in CCTV field
- Built-in surge protection circuit

AHD 8M
TVI 8M
CVI 8M

HDMI

NEW
[SC-MAC02U] 4K

Supported Resolution

AHD	720P25/30Hz, 1080P25/30Hz, 4MP15/25/30Hz, 5MP12/20Hz, 8MP12/15Hz
TVI	720P25/30Hz, 1080P25/30Hz, 3MP18Hz, 4MP15/25/30Hz, 5MP12/20Hz, 8MP12/15Hz
CVI	720P25/30Hz, 1080P25/30Hz, 4MP25/30Hz, 8MP12/15Hz
SD/CVBS	NTSC, PAL

UTC Function

- The UTC Function, which stands for 'Up The Coax Communication' makes it possible to control a camera (PTZ/Focus/OSD) via only one coaxial cable.
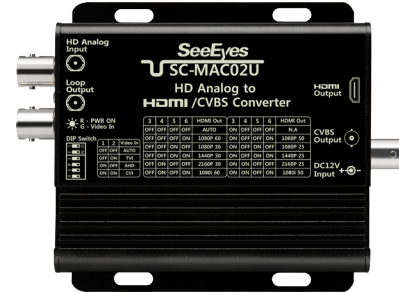
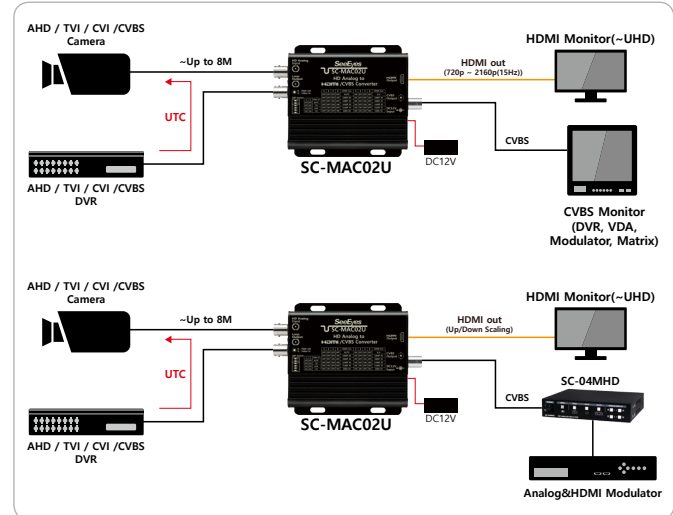| Signal	Protocol
AHD	A-CP
TVI	UTC
CVI	UCC

Specifications

MODEL		SC-MAC02U
HD ANALOG Input Resolution	AHD	720P25/30Hz, 1080P25/30Hz, 4MP15/25/30Hz, 5MP12/20Hz, 8MP12/15Hz
	TVI	720P25/30Hz, 1080P25/30Hz, 3MP18Hz, 4MP15/25/30Hz, 5MP12/20Hz, 8MP12/15Hz
	CVI	720P25/30Hz, 1080P25/30Hz, 4MP25/30Hz, 8MP12/15Hz
	SD/CVBS	NTSC, PAL
Loop Output Resolution		Same as Input Resolution
HDMI Output Resolution		1920x1080P 50/60/25/30 1920x1080i 50/60, 1920x1080i 59.94(*Option) 2560x1440P 25/30, 3840x2160P 25/30
CVBS Output Resolution		NTSC, PAL
In/Output Transmission Distance	HD Analog In/Output	Max. 400m over RG-59 (200m/20Ω, in case of 2MP camera) Max. 600m over RG-6 (300m/12Ω, in case of 2MP camera)
	HDMI	HDMI Cable 3m
	CVBS Output	3C-2V Max.100m, 1Vp-p (75Ω Termination)
Power Input / Power Consumption		DC 12V : 0.5A / DC 12V : 180mA(Max.)
Connection Port	HD Analog Input	BNC-F 75Ω
	Loop Output	BNC-F 75Ω
	HDMI Output	A Type
	Analog Output	BNC-F 75Ω
LED	RED	Power In
	GREEN	Video In
Switch		1,2 : Select HD Analog Input
		3,4,5,6 : Select HDMI Input Resolution
Temperature / Humidity		-10℃ ~ +50℃ / 0 ~ 80%
Case Material / Weight		Aluminum / 210g
Dimensions (mm)		93(W) x 35(D) x 93(H) mm

Application

AHD / TVI / CVI /CVBS Camera
~Up to 8M
HDMI out (720p ~ 2160p(15Hz))
HDMI Monitor(~UHD)
UTC
CVBS
SC-MAC02U
DC12V
AHD / TVI / CVI /CVBS DVR
CVBS Monitor (DVR, VDA, Modulator, Matrix)

AHD / TVI / CVI /CVBS Camera
~Up to 8M
HDMI out (Up/Down Scaling)
HDMI Monitor(~UHD)
UTC
SC-04MHD
CVBS
SC-MAC02U
DC12V
AHD / TVI / CVI /CVBS DVR
Analog&HDMI Modulator

Dimensions

117.5
13
93
35
93