SC-MAC02

QHD-Analog/CVBS to
HDMI/CVBS/Loopout Converter

SC-MAC02 is a multi-format converter that converts QHD Analog(AHD, TVI, CVI) and CVBS input signals to HDMI and CVBS output signals. It provides the UTC control function through loop-out port. Pre-installed analog matrix, modulator and DVR system can be used with SC-MAC02.

Features

- Convert 5M HD-Analog(AHD/TVI/CVI) and CVBS Input signal to HDMI and CVBS output signal
- Support UTC (Up The Coax Communication) control function through loop out port
- Existing analog video server(matrix) is available
- Monitoring is possible through HDMI out port (No need of separate monitoring device)
- High definition signal converting without signal loss
- Superior Application Diagrams in the construction field with the slim aluminum case
- Surge protection circuit built-in

[SC-MAC02]

[DC 12V Adaptor]

HDMI output resolutions

Input resolutions	HDMI output resolutions
1280x720p 25Hz, 1920x1080p 25Hz 2560x1440 25Hz, 2592x1944 12Hz	1920x1080p50
1280x720p 30Hz, 1920x1080p 30Hz 2560x1440 30Hz, 2592x1944 20Hz	1920x1080p60

Supported Resolutions

AHD	1280x720p 25/30Hz, 1920x1080p 25/30Hz 2560x1440 25/30Hz, 2592x1944 12/20Hz
TVI	
CVI	
CVBS	NTSC, PAL

UTC Function

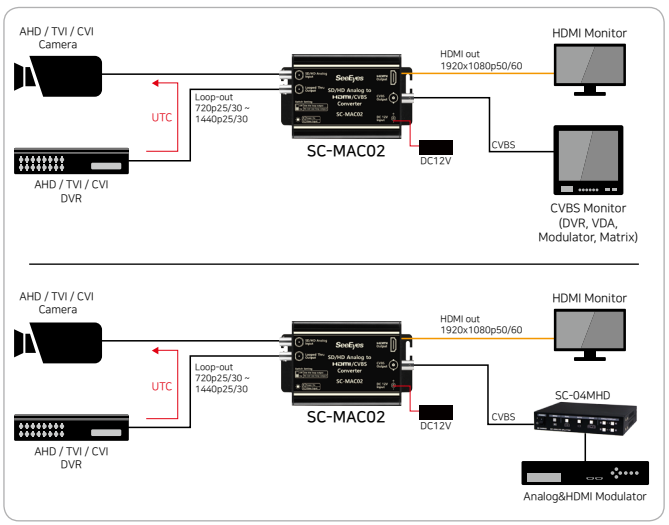
- The UTC Function, which stands for 'Up The Coax Communication' makes it possible to control a camera (PTZ/Focus/OSD) via only one coaxial cable

Signal	Protocol
AHD	A-CP
TVI	UTC
CVI	UCC

Specifications

MODEL		SC-MAC02
HD Analog input resolution		1280x720p 25/30Hz, 1920x1080p 25/30Hz 2560x1440 25/30Hz, 2592x1944 12/20Hz
Loop through output resolution		Same format as the input signal
HDMI output resolution		1920x1080(p50,p60)
Input power / Power consumption		DC 12V: 0.5A / DC 12V: 150mA
Connection port	Input	BNC-F 75Ω
	Loop Out	BNC-F 75Ω
	Analog Out	BNC-F 75Ω
	HDMI Out	HDMI A Type
LED Indication	Red	Power In
	Green	HD Analog Video In
Temperature / Humidity		-10℃ ~ +50℃ / 0 ~ 80%
Case / Weight		Aluminum / 120g
Dimensions (mm)		103(W) x 60(H) x 25(D)

Application Diagram



Dimensions