SC-04MHD

4K-Analog to FHD HDMI Quad Splitter

SC-04MHD, 4K Analog Splitter, receives 4K analog (AHD, TVI, CVI) and/or CVBS video signals from up to four cameras and displays them in various split modes and formats. It displays clear video at FHD via HDMI and 4K via loop-through outputs. It is possible to amplify video signals for external devices such as DVRs via loop-through output ports and remote control is also available via the RS-485 port. It shows the date, time, the name of each channel and the current status on the monitor, as well as channel loss.

Features

- Multi-format quad screen splitter with real-time display
- Display high definition images through high image processing
- Different video inputs : AHD / TVI / CVI (~2160p 15Hz), CVBS (NTSC / PAL)
- Various video outputs (HDMI, 15pin D-Sub, CVBS, loop-through output)
- Various output resolutions
  - HDMI : 1920x1080p 25/30/50/60Hz, 1920x1080p 50/60Hz, 1280x720p 50/60Hz
  - VGA : 1920 x 1080p, 60Hz, 1280 x 720p, 60Hz, 1024 x 768 at 60Hz, 1360x768@60Hz, 1600x1200@60Hz
  - CVBS : NTSC, PAL
- Various split modes : 1, 2V, 2H, 4, 4B, 4R, 3R, 3L.
- Crop function
- Automatic sequence mode
- View the date, time, the name of each channel and the current status
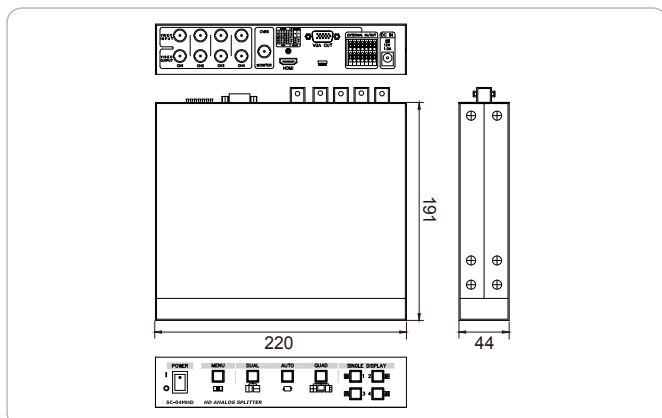- RS-485 communications port for external devices

[SC-04MHD]

[Rear side]

Specifications

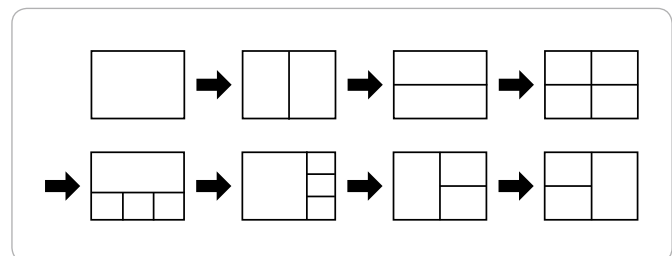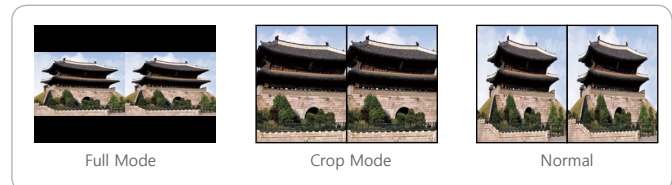| MODEL		SC-04MHD	
	INPUT	BNC-F(75Ω 1Vp-p) x 4 (AHD/TVI/CVI/CVBS)	
	OUTPUT	BNC-F (Looped through output / 75Ω 1Vp-p) x 4	
		HD X 1, D-SUB X 1, BNC-F X 2	
Video	Output Resolution	HDMI	Full HD : 1920 x 1080P @50/60Hz
			HD : 1920 x 1080i @50/60Hz
			WSXGA : 1680 x 1050 @50/60Hz
			SXGA : 1280 x 1024 @50/60Hz
		D-SUB	SXGA, WSXGA
		BNC-F	(Monitor)720 x 480 @50/60Hz
	FORMAT	NTSC / PAL selectable	
	Split Mode	1, 2V, 2H, 4, 4B, 4R, 3L, 3R	
	OSD(On Screen Display)	Inserting up to 16 characters (Alphabet and/or numbers)	
External Interface	RJ-45	Firmware upgrade	
	RS-485	External device connection	
	Terminal Block	Alarm Input: 4(8P) Alarm output: 1(2P) RS-485: 1(2P) DC12V/0.3A output:1(2P)	
Input Power		2P Terminnal Block DC12V/0.5A	
Power Consumption		6W	
Temperature / Humidity		0℃ ~ +50℃ / 0 ~ 80%	
Case body / Weight		Steel/ 1.3kg	
Dimensions (mm)		220(W) x 44(H) x 190(D)	

Analog Video Resolution

Video Input resolutions(AHD/TVI/CVI)	Video output resolutions
1920x1080p 25/30Hz, 1280x720p 25/30Hz 2560x1440p 25/30Hz, 2592x1944p 12.5/20Hz, 2880x1620p 25Hz, 3840x2160p12.5/15Hz	Same as input (Loop-through)

Split Mode

Cropping Mode

Full Mode	Crop Mode	Normal

Dimensions

Application Diagram