

MSHG-120H

HDMI Portable Generator



IMAGE

Product Summary

The MSHG-120H is a video signal transmission device that departs from conventional cable-based connections, allowing it to be mounted directly onto display equipment without the need for a separate cable

Key Features

- Resolution : Up to UHD 3840 x 2160@60Hz
- HDCP, EDID, CEC Check function
- HDCP : Support 1.4Ver, 2.2Ver
- Dimension / Weight : 160 x 33 x 20 (mm) / 80g
- Pixel encoding : RGB444, YCbCr444, YCbCr422
- Power : Micro 5pin to USB type DC 5V/0.9A (without battery)
- Operating Conditions : Temperature : 0~ 40℃
- 80% humidity, Non-Condensing

Specifications

<Dip Switch Control>



- 1~3 : Time Setting
- 4~6 : Pattern Setting
- 7 : HDCP Setting
- 8 : EDID Setting
- 9 : Color Depth Setting
- 10 : CEC Setting

Specifications

(1). Time Setting : Dip Switch 1, 2, 3

No	Time (Model) Resolution	Dot Clock (MHz)	H (KHz)	V (Hz)	S/W 1	S/W 2	S/W 3
1	720x480(480p/60Hz)	27	31.5	60	off	off	off
2	1280x720(720p/60Hz)	74.25	45	60	on	off	off
3	1920x1080i(1080i/60Hz)	74.25	33.75	60	off	on	off
4	1920x1080p(1080i/60Hz)	148.5	67.5	60	on	on	off
5	1280x720(720/50Hz)	74.25	37.5	50	off	off	on
6	1920x1080i(1080i/50Hz)	148.5	56.25	50	on	off	on
7	3840x2160p(2160p/60Hz)	297	67.5	30	off	on	on
8	3840x2160p(2160p/60Hz)	594	135	60	on	on	on

(2). Pattern Setting : Dip Switch 4, 5, 6

No	Pattern Name	S/W 4	S/W 5	S/W 6
1	Full White 	off	off	off
2	Full Black 	on	off	off
3	8 Color Bar (75%) 	off	on	off
4	2 Dot On/Off 	on	on	off
5	Full Red 	off	off	on
6	Full Green 	on	off	on
7	Full Blue 	off	on	on
8	SSFPD W/B 	on	on	on

(3). Function Setting : Dip Switch 7, 8, 9, 10

S/W 7	S/W 8	S/W 9	S/W 10
HDCP off	EDID off	8 Bit Depth off	CEC off
HDCP on	EDID on	12 Bit Depth on	CEC on

※ S/W HDCP : Time 1~7 set up the HDCP 1.4 / Time 8 set up the HDCP 2.2

※ S/W 9 Depth : 3810x2160 30Hz & 60Hz only supports 8 bit Depth.

Rev. 1 | 26.07.23

* Specifications and design are subject to change without prior notice