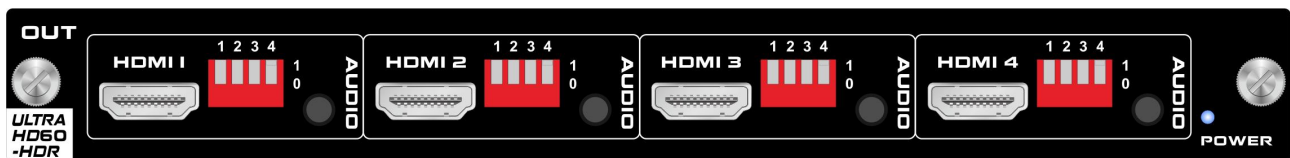


## FM series 4K60 HDR output card with DIP switch scaling and audio out

FM-OUT-HD-4K60



## Features


- ▼ Output resolution up to 4K60
- ▼ Supports 4-PIN DIP switch for the output resolution scaling
- ▼ Supports 3.5mm audio de-embedded for all 4 HDMI outputs
- ▼ Can work with the 8x8, 16x16 and 36x36, 80x80 Card Cage chassis

This is a 1-card 4-port 4K60 HDR output card to be used on the 8x8, 16x16 and 36x36 and 80x80 modular chassis matrix, it can support 4-PIN DIP switch for the scaling output and 3.5m audio de-embedded for every HDMI inputs.

## Specification

NAME	FM-OUT-HD-4K60
Outputs	4x HDMI out: 19-pin type-A; 4xAudio out: 3.5mm jack
EDID	4-PIN DIP switch for output resolution scaling
Latency	15 to 30ms(miliseconds)
Audio Formats	2ch PCM: DTS-HD Master, TrueHD, no ARC, no Dolby Atoms
Video Resolutions and cable distance(AWG 26)	1920x720P60hz 12 bit, cable length is up to 15m/40ft
	1920x1080P30hz 12 bit, cable length is up to 15m/40ft
	1920x1080P60hz 12 bit, cable length is up to 15m/40ft
	3840x2160P30hz 8 bit, cable length is up to 10m/30ft
	3840x2160P60hz 8 bit, cable length is up to 8m/20ft
Standards/Protocol	HDMI2.0, HDCP2.2
Maximum Pixel Clock	HDMI: 296Mhz
Communication And Control	
HDMI	HDMI2.0
Power	
Power Supply	Internal to/from matrix
Consumption	3W

## Ports & Components

					
Resolution management				Cascading	
D1	D2	Description		D3	Description
1	1	Force to 1080P output, frame rate will follow the input	When Input resolution is above 4K30 or 4K60	1	Cascading ON
		Bypass the signal/resolution	When Input resolution are other types		
1	0	Force to 4K60/50 444 output	When Input resolution is 4K60/50 420	0	Cascading OFF
		Bypass the signal/resolution	When Input resolution are other types		
0	0	Bypass the signal/resolution		D4 is not functional	
0	1	Force to 1080P60/50 output	When Input resolution is 4K60/50 444/422/RGB420		
		Bypass the signal/resolution	When Input resolution are other types		