APANTAC

DISTRIBUTION AMPLIFIERS & SPLITTERS

SDI Distribution Amplifiers

KEY FEATURES	DA-2HD	DA-4HD	OG-DA-4HD-II	DA-4UHD	OG-DA-4UHD	DA-8HD	OG-DA-8HD-II	DA-8UHD	OG-DA-8UHD
Configuration	1x2	1x4				1x8			
Input loop	No		Yes - Passive	No			Yes - Passive	No	
Connectors	BNC				High Density BNC	BNC			High Density BNC
Resolutions (SDI)	3G/HD/SD SDI			12G/6G/3G/HD/SD SDI		3G/HD/SD SDI		12G/6G/3G/HD/SD SDI	
Reclocking	No	Yes	Configurable	Yes		Configurable		Yes	
ASI support	Yes	Outputs 1, 3				Outputs 1, 3, 5, 7			
Cable Reach	100m			70m		100m		70m	
Form factor	Standalone		OG card - 2 slots	Standalone	OG card - 2 slots	Standalone	OG card - 2 slots	Standalone	OG card - 2 slots
Power Supply	None - Passive	DC 5V	PS-OGX	DC 12V	PS-OGX	DC 5V	PS-OGX	DC 12V	PS-OGX

Note: openGear solution provides control and monitoring of the cards using Dashboard interface
Note: There is also a DA-2HD version with 16 modules in a 1RU - Model: DA-2HDx16

HDMI, HDMI 2.0, UHD, 4K, DisplayPort (DP) Splitters

KEY FEATURES	HDMI-1x2-II	HDM2.0-1x2-II	HDM2.0-1x4-II	OG-HDM2.0-1x4	HDM2.0-1x8-II	OG-HDM2.0-1x8	DP-1x2-II	DP-1x4-II
Configuration	1x2	1x2	1x4		1x8		1x2	1x4
Signal	HDMI 1.4 @ 10.2 Gbps	HDMI 2.0 @ 18Gbps					DP 1.2a SST & MST @ 21.6 Gbps, with HBR2/ HBR / RBR support	
I/O Connectors		HDMI Type A					DisplayPort	
Resolution	Up to 1920 x 1200 / 1080P @ 60Hz UHD@30Hz	Up to 4K60, RGB 4:4:4					Up to 4K60	
HDR - High Dynamic Range	No	HDR/SDR, 4:4:4, 4:2:2					N/A	
EDID	Copy from Port 1	Built-In iDOT™					First active output	
HDCP Support	HDCP 1.4	HDCP 1.4/2.2					HDCP 1.3	
Cable Reach	5m	5m for 4K, 10m for 1080P					5m for 4K, 10m for 1080P	
Form Factor		Standalone		OG card – 2 slots	Standalone	OG card – 4 slots	Standalone	
Power Supply	DC 5V 1A	DC 12V 1A	DC 12V 1A	PS-OGX	DC 12V 1A	PS-OGX	DC 12V 1A	DC 12V 1A
Cascadable	Yes	Yes, up to 8 levels					No	

iDOT™: intelligent EDID management technology that dynamically reads the EDID from each SINK