

## PRESS RELEASE

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### **Leader Electronics ZEN series supports Sony's "SR Live Metadata" decode & display as a standard function**

Leader Electronics has added a function in the ZEN series waveform monitors and rasterizers LV5600/LV7600/LV5350/LV5300/LV7300 to decode and display the "SR Live Metadata" packet advocated by Sony Imaging Products & Solutions Inc("Sony"). "SR Live for HDR" is an important production workflow when broadcast content is moving from HD SDR to 4K HDR or HD HDR, because "SR Live for HDR" allows 4K HDR and HD SDR simultaneous video production following to the HD SDR live production environment which is the current mainstream.

The "SR Live Metadata" is embedded to the SDI signal based on SMPTE ST 291-1 "Ancillary Data Packet and Space Formatting", and the following information can now be decoded and displayed on the ZEN series :

Table Version, OETF, Transfer Matrix, Color Gamut, Conversion Mode, HDR Look, HDR Black Compression, SDR Gain, Master Black, HDR Black Offset, Gamma Table, Gamma Step, Gamma Level, Knee, Knee Point, Knee Slope, Knee Saturation, Knee Saturation Level, Soft Knee, Knee Radius, SDR White Clip, SDR White Clip Level, HDR Knee, HDR Knee Point, HDR Knee Slope

This function is now available as a standard function on all ZEN series waveform monitors and rasterizers. For previously purchased products, users can install this function by updating to the latest firmware free of charge.

Leader Electronics supports this "SR Live Metadata" function to enable efficient content production.



\* "SR Live for HDR" is the solution which enables simultaneous HDR / SDR video production, proposed by Sony Imaging Products and Solutions Inc.

## Hybrid IP/SDI Waveform monitor LV5600



## “SR Live Metadata” packet display on LV5600

1920x1080/60P YCbCr(422) 10bit 3G-A			SDI A		TIME: 13:37:52		
SR Live Packet							
INTERFACE LINE No.		14					
No.	ITEM	VALUE	CTRL[Abs]	No.	ITEM	VALUE	CTRL[Abs]
1	Table Version	V 1.00	++	14	Knee	OFF	OFF
2	OETF	HLG	++	15	Knee Point	96%	[-15]
3	Transfer Matrix	BT.2020	++	16	Knee Slope	0.19	[+37]
4	Color Gamut	WIDE-BC	++	17	Knee Saturation	OFF	OFF
5	Conversion Mode	SR AIR ON	++	18	Knee Saturation Level	0.50	[+0]
6	HDR Look	Live	Live	19	Soft Knee	--	--
7	HDR Black Compression	ON	ON	20	Knee Radius	--	--
8	SDR Gain	-5.2dB	[-5.2dB]	21	SDR White Clip	ON	ON
9	Master Black	1.03%	[+4.7]	22	SDR White Clip Level	109%	[-94]
10	HDR Black Offset	Δ-0.99%	[-4.5]	23	HDR Knee	OFF	OFF
11	Gamma Table	STD 5	STD 5	24	HDR Knee Point	349%	[+0]
12	Gamma Step	0.45	0.45	25	HDR Knee Slope	0.65	[+0]
13	Gamma Level	0.95	[-12]				

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