

# Universal Video Platform HDMI Signal Generator

## LS-8500+GX-173



LS-8500 is a main video platform and GX-173 (HDMI output unit) can be installed to support the latest HDMI functions.

### Product Features

- Below HDMI Signal generation supported.
  - Generating video format specified in CTA-861-H and VESA DMT Version 1.0 Rev.1.3
  - High frame rate video format.
  - FRL mode up to 4 Lane 12Gbps.
  - Variable Refresh Rate (VRR), Fast Vactive (FVA), and Auto Low-Latency Mode (ALLM) specified in HDMI 2.1a

### GUI

- Video Setting
  - Video Timing, Pattern, etc. can be set at once.



- VRR/FVA/ALLM Setting
  - Allows setting of relevant parameters for each function, such as Variable frame rate.
  - Arbitrary frame rate is variable and time can be set in Scenario Mode.



- Packet Setting
  - Packets' Enable/Disable and Editing can be set.



### HDMI Spec

HDMI Output		HDMI x 1 (MAX 48Gbps, 4K120p/8K60p, VRR, FVA, ALLM)
Pixel Clock	TMDS	25 to 600MHz
	FRL	25 to 2400MHz
Color Format		RGB 8/10/12/16 bit
		(RGB/YCbCr 4:4:4/YCbCr 4:2:2/YCbCr 4:2:0 Supported)
E-EDID		Ver1.4 (DCC2B)