HD/SD Character Generator

VTW-350HS

FOR.A ®

INNOVATIONS IN VIDEO
and AUDIO TECHNOLOGY

HD/SD Character Generator
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Compact and Affordable Character Generator

With its lightweight, compact design, the VTW-350HS is an extremely portable HD/SD character generator, perfect for live applications. The software provides a rich array of text/graphic functions, more than 260 transitions, template control, general-purpose file interface and more.

The VTW-350HS provides all the tools required for advanced production needs, at an affordable price.

Major Features

- 1U size compact design, excellent for live applications. The vibration-resistant case makes it perfect for mobile and flight pack applications.
- More than 260 transition functions come standard, including roll, crawl, fade in, fade out, slide and wipe.
- Video input has both key and fill for capture of video with or without a key signal.
- Video output provides both program and preview output, each with its own key and fill.
- Multilanguage support with advanced spell check capability through Windows language options
- Still frame capture capability
- OpenType font support

Input/Output Screen

The VTW-350HS employs a simple, intuitive user interface integrating the input screen with the output screen.

Input Window

Play List

Template

On Air Image

Effect Palette

Next Image
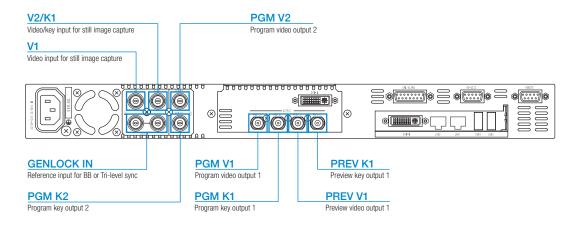
Control of Take, Stop, etc...

Creation & Playout

- Graphic templates allow for direct text input. Templates can be created on board or imported from a variety of 3rd party software including Adobe Photoshop™. Direct Text import is also supported.

- A variety of effects are available including roll for credits and crawl ticker boxes.

- Multi-layered mode allows for multiple layers of graphics with adjustable priority. The levels can be transitioned as a group or layer by layer using the variety of transition effects. Multiple effects and transitions can be used on the same graphic page.

- Still images can be captured and used as CG pages or as a background for text based functions.

- Preview function allows control of take function from the CG to either preview or program outputs. This allows the CG operator to control live on air functions.

- The scheduler function is perfect for creating timed playback of pre-created text and graphics. This is a great feature for uses such as a video bulletin board. Play back can be created on a weekly, daily or hourly basis.
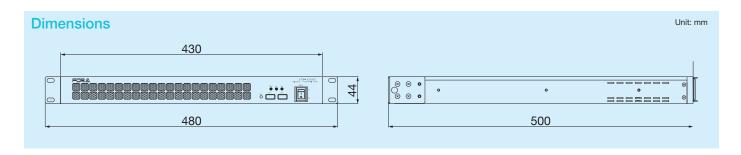
Interfaces

V2/K1
Video/key input for still image capture

V1
Video input for still image capture

PGM V2
Program video output 2

GENLOCK IN
Reference input for BB or Tri-level sync

PGM V1
Program video output 1

PREV K1
Preview key output 1

PGM K2
Program key output 2

PGM K1
Program key output 1

PREV V1
Preview video output 1

Specifications

Standard	1080/59.94i, 1080/50i, 720/59.94p, 720/50p, 525/60, 625/50
Video Inputs	HD-SDI: 1.485/1.001 Gbps, SD-SDI: 270 Mbps, 75Ω, 2 inputs (V1/K1), BNC
Reference Input	BB: NTSC: 0.429 Vp-p/PAL: 0.45 Vp-p or Tri-level sync: 0.6 Vp-p, 75Ω or loopthrough, 1 input, BNC
Video Outputs	HD-SDI: 1.485/1.001 Gbps, SD-SDI: 270 Mbps, 75Ω, 6 outputs (PGM V1/PGM K1/PGM V2/PGM K2/PREV V1/PREV K1), BNC
Storage (SSD)	80 GB (The space available for using excludes 4 GB reserved for the system)
Interfaces	DVI: 1 port for Display connection
	Ethernet: 100Base-TX/1000Base-T, 2 ports, RJ-45
	USB: 2.0 Series A connector, 2 ports (Front), 3.0 Series A connector, 2 ports (Rear)
	REMOTE: 1 port, 9-pin D-sub (female) for RS-422 control
	RS-232C: 1 port, 9-pin D-sub (male)
	GPI/ALARM: 1 port, 15-pin D-sub (female)
	- ALARM: Power, Fan alarm (contact output)
	- GPI: 3 inputs, 3 outputs (contact input, open collector output)
Temperature / Humidity	0ºC - 40ºC / 20% - 80% (no condensation)
Power	100 VAC - 240 VAC ±10%, 50/60 Hz
Power Consumption	110VA(108W) at 100-120 VAC, 110VA(93W) at 220-240 VAC
Dimensions / Weight	430 (W) × 44 (H) × 500 (D) mm EIA1RU / 9 kg
Accessories	Operation manual, AC cord, Rack mount bracket, GenCG software (installed)

- Windows is a registered trademark of Microsoft Corporation in the United States and other countries.
- GenCG is registered trademark of Compix Media, Inc., in the United States and/or other countries.
- Adobe and Photoshop are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.

Dimensions

Unit: mm

430

44

480

500