Built-in 5000mAh battery with about 2.5 hours working time.

Pattern Measurement

To test color temperature and gray scale of monitor with various types of patterns, such as color bar, monochrome display and customized pictures.

Preset & importable patterns

Custom

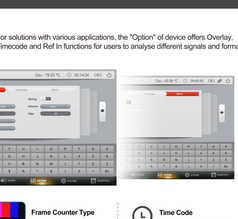
Free to create any color picture, based on two differenet color space - - RGB or YCbCr.

Picture

Built-in a plenty of preset patterns, and user-definable pictures imported to the generator to meet various test requirements.

Signal Compatibility

Supports SD, HD, 3G, 6G and 12G-SDI signals; SDI and Fiber signals up to 4K 60Hz. SDI conversion among of different link structures, SQ and 2SI.



Mode Options

Selection among of 12G-SD/6G-SDI/ 3G-SDI/HD-SDI/SD-SDI signal formats.

Raster Options

Different resolutions options corresponding to different Modes.

Refresh Options

Different Raster rates corresponding to different Modes & Raster.

Sampling Options

Different GBR & YCbCr sampling rates based on the above options.

Audio Monitoring

A comprehensive audio monitoring tool supprots up to 16 channels embedded AES/EBU audio, with -60dB to 0dB range. And a 20 to 20000 frequency.

Channel Options

16-channel SDI audio ranges from CH1 to CH16 for optional.

Switch Options

Off, On, All Off and All On are optional for 16-channel audio switch.

Phase Options

Options among of 0, 90, 180 and 270 for phase.

Frequency Options

Freq options can be customized from 20 to 20000 by users.

DB(-) Options

Freq options can be customized from -60dB to 0dB by users.

Option Auxiliary

For solutions with various applications, the "Option" of device offers Overlay, Timecode and Ref in functions for users to analyse different signals and formats.

Ring Type

Ring type for optional under Overlay function

Frame Counter Type

Frame counter type for optional under Overlay function.

Time Code

Supports Linear time code(LTC) and Vertical interval time code(VITC).

Ref In

Ref in used for frame synchronization to ensure input & output frames simultaneously.

Character Type

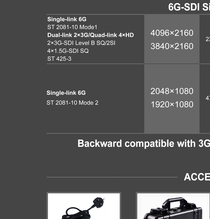
Character type for optional under Overlay function.
Text input will be displayed based on the specific A and Y axis that can be preset.

Moving Direction

The moving of 3 types can be customized with 4 directions and prefered steps.

FN (Shortcut)

User-definable functions as shortcuts with great convenience.



Function Shortcut

Supports more than one hundred shortcut functions.
For time-saving and high efficient when testing, users can manage shortcut functions through Add, Del, Replace and Output operations.

SPECIFICATIONS | ACCESSORIES

DISPLAY	Display Screen	7" IPS
	Physical Resolution	1280×800
	Aspect Ratio	16:10
	Brightness	400cd/m²
	Contrast	800:1
	Viewing Angle	178°/178°(H/V)
INPUT	REF	1
	USB	2
	12G-SDI	2
OUTPUT	3G-SDI	2
	FIBER	1 (Optional Module)
POWER	Current	2.1 (12V)
	Input Voltage	DC10-15V
	Power Consumption	≤27W
	Built-in Battery	5000mAh
ENVIRONMENT	Operating Temperature	-10℃ ~ 60℃
	Storage Temperature	-30℃ ~ 70℃
DIMENSION	Dimension(LWD)	264×169×42mm
	Weight	3kg

Note: Due to constant effort to improve products and product features, specifications may change without notice.

12G-SDI Signal Format

Single-link 12G ST 2082-10 Mode 1 **Dual-link 2×6G** ST 2081-11 Mode 1 **Quad-link SQ/2SI** 4×3G-SDI Level A/Level B ST 425-5	4096×2160 3840×2160	23.98p/24p/25p/29.97p/30p	GBR 4:4:4 10bits GBR+A 4:4:4:4 10bits YCbCr 4:4:4 10bits YCbCr+A 4:4:4:4 10bits
			GBR 4:4:4 12bits YCbCr 4:4:4 12bits YCbCr 4:2:2 12bits YCbCr 4:2:2 10bits
		47.95p/48p/50p/59.94p/60p	YCbCr 4:2:2 10bits

6G-SDI Signal Format

Single-link 6G ST 2081-10 Mode1 **Dual-link 2×3G/Quad-link 4×HD** 2×3G-SDI Level B SQ/2SI 4×1.5G-SDI SQ ST 425-3	4096×2160 3840×2160	23.98p/24p/25p/29.97p/30p	YCbCr 4:2:2 10bit
Single-link 6G ST 2081-10 Mode 2	2048×1080 1920×1080	47.95p/48p/50p/59.94p/60p	GBR 4:4:4 10bit GBR+A 4:4:4:4 10bit YCbCr 4:4:4 10bit YCbCr+A 4:4:4:4 10bit GBR 4:4:4 12bit YCbCr 4:4:4 12bit YCbCr 4:2:2 12bit

Backward compatible with 3G-SDI/HD-SDI/SDI signal formats

ACCESSORIES

12V 3A Power Adapter | Water-Proof Suitcase | User Manual | Fiber Module (Optional)

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