

SIMULTANEOUSLY SUPERIMPOSE. HD SDI Multi Keyer



HDLIVE_1000-K



Descriptions

HDLIVE1000-K(HD SDI Multi Keyer) is equipment that can superimpose and show variety data in program simultaneous. such as inner logo, Motion logo and clock , two external title & key signal.

Feature

- 1 HD PGM Input and 2 HD PGM Output (1 BYPASS Output)
- 2 HD Fill & Key Input
- 2 HD Preview Output or 1 HD Fill & Key Output(Function Select)
- PGM and Built-in Frame Synchronizer for all input of Fill / Key
- Satisfy signal formats for SMPTE292M(1.485Gbps)
- Built in Logo generator ,Save and Change of the "Logo"
- SMPTE Time Code is synchronized to built-in Clock generator.
- To superimpose 2 channel Fill & Key, Logo, Second Logo, Clock simultaneous.
- Linear Fade In & Out Function
- Control vertical and horizontal position of Logo, Clock Logo
- Clock, Logo, Key offset adjustment.
- As Power Off output Bypass of PGM input signal
- Communicate Remote Control Panel with UTP cable.
- Provides a RJ45 communication port for the "APC" communication

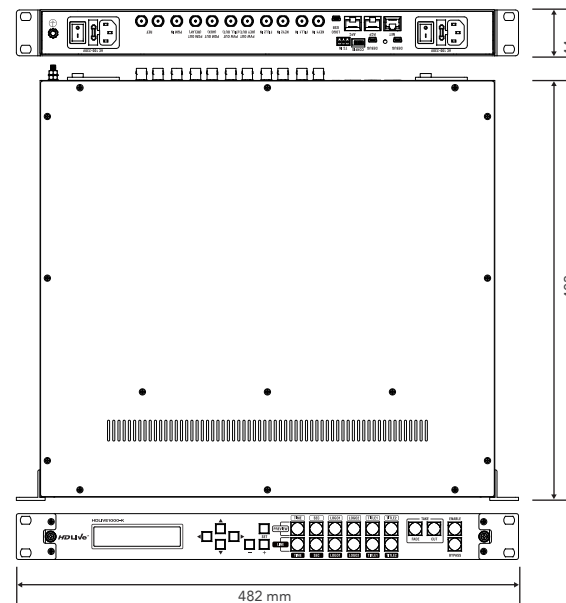
Physical

Dimension (W x H x D)	482 x 403 x 44 (mm)
Weight	3.5Kg
Power Level	+12 VDC
Power Consumption	43 Watts
Operating Temperature	-20°C ~ 70°C
Humidity	0 to 95% RH, non-condensing

Image View



Drawing Dimension [mm]



Digital Video Specs.

PGM Input

Input Number 1
Input Standard SMPTE 292M 1.485Gbps
Connector BNC 75Ω Impedance
Return Loss > 15dB to clock freq
Cable Length 100m Belden 1694A @ 1.485Gbps
Signal level 800mVp-p ± 10%

PGM Output

PGM Number 2 (1 is bypass output)
PWV Number 2 (select Fill/Key output)
Title(Fill) Number 1
Key Number 1
Output Standard SMPTE 292M 1.485Gbps
Connector BNC 75Ω Impedance
Signal level 800mVp-p ± 10%
DC offset 0V ± 0.5V
Rise & fall time < 270ps
Overshoot < 10% amplitude
Jitter < 0.2 UI(100KHz Alignment)
 < 1UI(10Hz Timing)

Performance

Logo store 512 x 250, 50EA
Second Logo store 512 x 250, 50EA
Motion Logo (Future Option)

Fill/Key Input

Input Number 2 (Fill 2ch and Key 2ch)
Input Standard SMPTE 292M 1.485Gbps
Connector BNC 75Ω Impedance
Return Loss > 15dB to clock freq
Cable Length 100m Belden 1694A @ 1.485Gbps
Signal level 800mVp-p ± 10%

Video Reference

Input Number 2(Lop through)
Input Type Tri-level, Black Burst
Connector BNC 75Ω Impedance
Signal level 1V ± 10%

LTC Input

Input Number SMPTE 12M-1
Connector 3 pin Terminal Block
Signal level 0.2 to 4Vp-p, balanced

Control

Remote Panel APC RS422, RJ45 Connector
 RS422

Application

