

# YUV, RGB, 4x4, SD/HD Compatible

# FIG

FIG



Serial SD/HD-SDI I/Os, SFP Cage Module Outputs  
Dual Channel architecture  
2 x GPI Out, 4 x GPI In all potential free  
Graphical front panel - External power supply  
100 base T Ethernet network connector

## Software field upgradable



PEACH

### HD Down Conversion

- 1080i and 720p to 525/625 Down conversion
- 3:2 pulldown (24p to 59.94i)
- YUV/RGB Legalizer
- Logos Inserter
- 8 embedded audio channels

### Frame Sync

- HD/SD Frame Synchronizer
- Embedded Color Corrector

### SD Aspect Ratio

- SD Aspect Ratio converter (4:3, 14:9, 16:9)
- 8 embedded audio channels

### WST - OP47/S2031 Inserter

- WST to OP47/S2031 databridge
  - On Screen Display of WST content
  - Subtitle filtering
  - WSS and AFD management
- Newfor protocol or STL file to WST & OP47/S2031 Inserter
- Full WST compliance
  - Upto 4 simultaneous channels
  - Automation compatible

### SD VBI Databridge

- VBI Databridge
- AFD-WSS, VPS and Video Index generator
- AFD Bar and Data Generator
- LTC to VITC Inserter

### Legalizer & Color corrector

- YUV/RGB Legalizer
- YUV Proc Amp
- RGB Color corrector
- 1D and 3D LUT
- Audio and VBI transparency
- H/V Crop

### Video delay

- Video and audio delay (max 22 HD/99 SD pictures)
- Wide range of H et V adjustment
- Audio and VBI transparency

### Bug/Logo Inserter

- 4-8 layers logo inserter
- Audio and VBI transparency
- Supports all modern graphical formats: TGA, BMP, AVI
- Animated logos (bugs)
- Analog and digital clocks
- Controlled by Dazibao, GUI for workspace creation

## DAZIBAO Editor Controller

- Total workspace editing and design
- Logo Viewer with:
  - ▶ File explorer
  - ▶ Multi layer management
  - ▶ Clock animation

Easy to use  
Efficient and powerful

FREE



Specific development upon request

## They chosed VT3 products and services :

Aaton, Aljazeera, ARRI Media, ARD, Arte, BBC, BFM TV, Canal +, Cognac-Jay Image, Crosspoint, Digimage Cinema, Digital Media Systems, DVS, Eclair Laboratories, Ericson-Tandberg, Euromedia, France 2, France 3, France 5, Grass Valley, Groupe TSF, HD System, HR, INC Technologies, KSCC, Live TV, M6, MDR, NDR, Networks solutions, Okno-TV, OOO Starline, Studio Arkadenia, Panavision, Preview System, RBB, RTBF, SSRG, Supponor, Transpacam, TF1, Thomson Broadcast, TV3, TV5 Monde, Ultram, Videomage, WDR, ZDF .....

## Buying a VT3 product gives you long term significant advantages:

- 2 years warranty
- Free update of Software applications without time limit
- TOMATO: Graphic Software of supervision and control for all applications (TOTALLY FREE)
- DAZIBAO: Graphic design Software for Bug inserter (TOTALLY FREE)
- Specific development upon request



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2014



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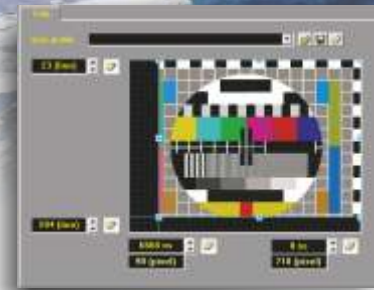
# TOMATO Remote Control

# PEACH 3G Compatible

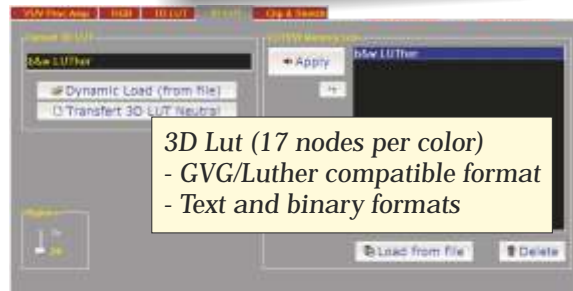


Centralized controls over Ethernet for:

- Legalizer and Color corrector
- LUT color control
- VBI Inserter and Data generator
- Video delay
- Down Converter
- Clip Box



Easy to use  
Easy to install  
Efficient and Powerful



3D Lut (17 nodes per color)  
- GVG/Luther compatible format  
- Text and binary formats



FREE

## Accessories



RC-CO

Hardware control panel (CCU form)  
for Color Correction applications  
Integrated 4 port Ethernet switch

RPSU

Redundant hot swap PSU  
Additional external PSU



RM1

Rackmounting mechanics for 1  
or 2 FIG stations

### Media Box MXF-DNX Video Server

- Dual Channel Media Box Player Recorder (HD)
- MXF encapsulation
- DNX Codecs (8 bits, 10 bits, from 36Mb to 180Mb)
- unlimited number of Clips
- upto 12 hours of DNX compressed Record @ 120Mb (HD-8 bits)
- Access to media located on internal SS Disks or USB or Network (1G Ethernet)

### Clip Box Video Server

- Dual Channel Clip Box Player (HD), single channel (3G)
- unlimited number of Clips
- upto 120 min of uncompressed Record (HD)
- Live recorder or File transfer over 1G Ethernet

### Long Range Video delay

- Video and audio delay (max 750 HD, 3000 SD fields)
- Wide range of H et V adjustment
- VBI transparency

### 3G-HD-SD Legalizer & Color corrector

- YUV/RGB Legalizer, YUV Proc Amp
- RGB Color corrector, H/V Crop
- 1D and 3D LUT
- Audio and VBI transparency



Specific development upon request



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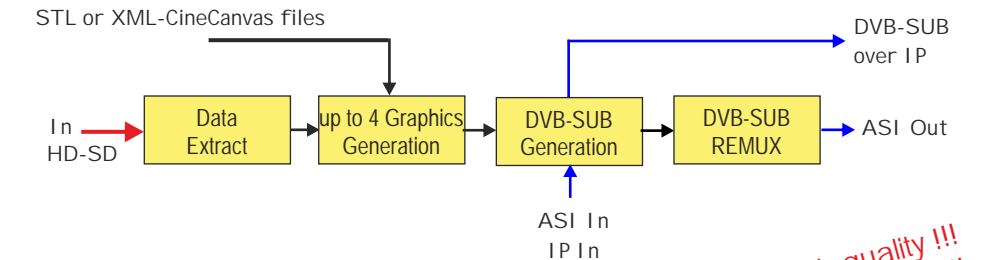
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### Closed Subtitle Inserter

- SD-HD compatible, dual channel option
- Live Subtitle inserter from OP47, SMPTE2031 data, STL- XML file (unicode support)
- Font, color, background and outline selection
- Controlled from front panel or Web server



### DVB SUB Generator



- Broadcast quality text generator and graphics inserter using:
  - HD with embedded OP47 or SMPTE2031 data
  - Teletext waveform over SD SDI
  - STL or XML-CineCanvas files (Unicode support)
- DVB-SUB encoder over Ethernet or ASI
- PTS sync from IP or ASI In
- ASI in for DVB-SUB cascading over ASI
- Font, size, color, background and outline user controlled
- Controlled from front panel or Web server

Low bit rate, high quality !!!  
Instant bit rate clipper !!!  
Upto 4 simultaneous  
DVB-SUB generators !!!



Specific development upon request