

**INS/OUTS**

- 1 HD/SD SDI Int
- 1 HD/SD SDI Reference In (1920,1280,525,625 auto sense)
- 4 HD/SD SDI Outs
- 4 GPI In and 2 GPI Outs

**SYNCHRONIZER**

- H Timing : 1 video line relative to Ref
- V Timing : 1 picture relative to Ref

**SUPPORTED HD FORMATS**

- 720p at 23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz
- 1080i at 50, 59.94, 60Hz
- 1080p at 23.98, 24, 25, 29.97, 30Hz
- 1080sF at 23.98, 24Hz

**LEGALIZER (Syrocco)**

100% removal of illegal colors (if longer than 4 pixels)

**TIMING & CROPPING (Syrocco)**

- H Crop 0 to +half video line (linear edges)
- V Crop 0 to +half video field

**COLOR CORRECTOR (RGB) (Syrocco)**

- RGB Black -700/+1440mV from nominal
- RGB Peak level -700/+1440mV from nominal
- RGB Gamma equivalent to input gamma of +1.0 to 2.8
- RGB Black Clip -50/+50mV from nominal
- RGB Black Knee +100/-0mV from Black Clip
- RGB White Clip 760/650mV
- RGB White Knee -100/+0mV from White Clip

**BUG/LOGO Management**

- All controls possible by using **DAZIBAO**, software under WinXP:
  - Bug/logo selection,
  - Picture Positioning,
  - Layer selection,
  - Bug transfer from PC and storage inside FIG

**BUG/LOGO Characteristics**

- R, G, B, Alpha TGA or BMP mode
- Local storage on internal Flash (max 2MB)
- 1:1 resolution (1 pixel of Logo is displayed as 1 pixel on Output)
- Supports animated logos (succession of TGA or BMP or pictures or uncompressed AVI)

**DIMENSIONS (FIG)**

**44mm (H) x 205mm (W) x 325mm (L)**  
 Rack mounting with **RM1** option (2 units in 1RU)

**WEIGHT**

**2.5kg (without power supply)**

**POWER**

- FIG** comes with an external 100-240V power supply
- Optional redundant power supply (RPSU)
- Power consumption: less than 20W

All specifications of this brochure are subject to change without notice. They are given for information only

ORDERING INFORMATION

<b>FIG</b>	Universal HD-SD SDI to HD-SD SDI OS free computer External 12V Power Supply
<b>SYROCCO-SD (SY600)</b>	RGB Color Corrector/Legalizer and Video Synchronizer (SD-SDI only)
<b>SYROCCO-HD (SY609)</b>	same as SY600 plus SD/HD support
<b>SYLOGO-SD (SY700)</b>	Logo Inserter and Video Synchronizer (SD-SDI only)
<b>SYLOGO-HD (SY709)</b>	same as SY700 plus SD/HD support
<b>RC-CO</b>	Remote control for Color Correction
<b>RM1</b>	Rack mounting mechanics for 1 or 2 FIG modules
<b>RPSU</b>	Redundant & Hot Swap external Power 12V Supply

Doc 2014-0--SYROCCO-V6.00

# SYROCCO

One box SD/HD Synchronizer and RGB color corrector/legalizer or Logo Inserter

Software solutions developed on FIG hardware platform

**SYROCCO SD-HD**  
 Synchronizer and Color Corrector on FIG

**SYLOGO SD-HD**  
 Synchronizer and Logo Inserter on FIG

**Additional Control unit**  
**RC-CO for SYROCCO**



RC CO

# FIG

OS-free 'computer' designed for dual link HD, HD, SDI  
 Second to none

- FIG has everything to suit your needs
- Dual HD or SDI Inputs
- HD or SDI Outputs
- Redundant Power Supply
- Ethernet connection
- GPI I/O
- Field upgradable firmware from Compact Flash

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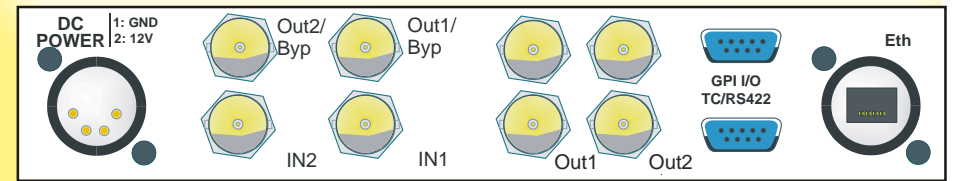
[www.vt3.tv](http://www.vt3.tv)

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# SYROCCO

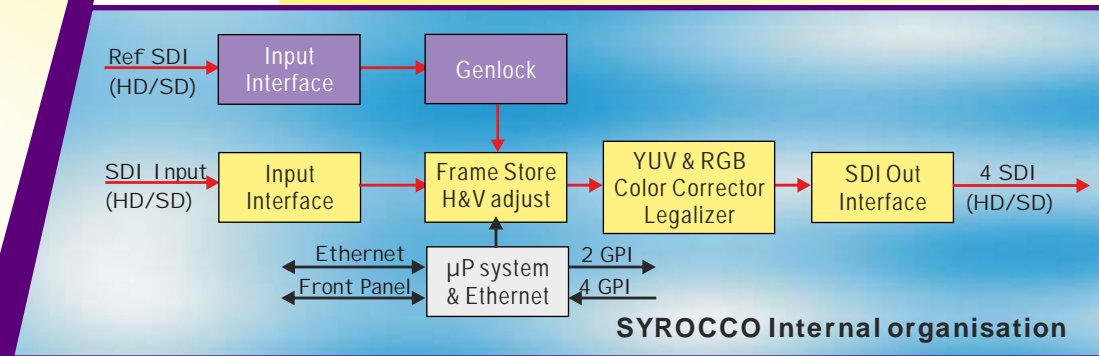
# FIG

*One box SD-HD Synchronizer and RGB color corrector/Legalizer or Logo Inserter*



## SYROCCO functionalities

- Serial SD/HD-SDI Inputs
  - Serial SD/HD-SDI Outputs
  - 2 GPI Out, 4 GPI In all potential free
  - User selectable GPI controls
  - Total control from front panel
  - 100baseT Ethernet network connector
  - 1RU height, half 19" width (2 units in 1RU)
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- Total H and V timing adjustment relative to SD/HD-SDI sync
  - Storage includes embedded audio and VBI
  - Sync ref is obtained from SD/HD-SDI Sync input
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- RGB Color corrector (black, gain, gamma)
  - Complete YUV Proc Amp plus YUV Clipping
  - True False Color Legalizer with adjustable thresholds (RGB Clipper)
  - H and V crop with linear edges
  - Input signal can be replaced by one of the 6 embedded digital test patterns
  - Controls from front panel or from RC CO



## RC-CO Functionalities

- 100 baseT Ethernet network
- Internal 10/100 Ethernet switch with 4 external ports
- Graphics LCD display
- Camera style mechanics
- Direct access to all functions of SY600, SY609
- Direct access to all devices on network



# Tcube