

## CBP-100 by BOX 4BOXES

3G/HD/SD SDI, HDMI, CVBS Modular Multiviewer

Up to 16 inputs in 1 RU  
and cascading capability to increase  
your system

“Custom your system”

Hardware based (no PC inside)  
Slot & Box system for easy integration  
10 bit image processing  
Low processing delay  
Compact light weight rugged design



## Hardware based Modular Multiviewer

Box4Boxes is a line of easy to use modular and compact Multiviewer systems.

The slots systems and combinable rugged and easy to integrate input Boxes allow to create and configure custom Multiviewer LCD Monitors and 1RU Standalone Multiviewer Processors.

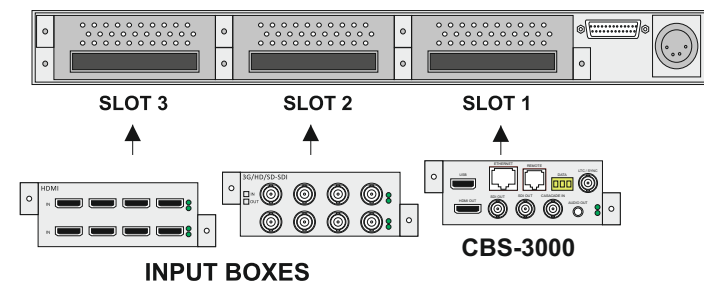
With superior quality 10 bit image processing engine, these Multiviewers are space-saving, fanless and energy-efficient hardware based (no PC and no hard-drive) with low processing delay.

Box4Boxes integrate all professional features and cascading capability to increase your system (display in 72 windows up to 128 sources).

### General Features

- Easy to use scalable Modular Multiviewer system
- Hardware based (NO PC, NO hard-drive)
- Up to 16 (3G/HD/SD-SDI, HDMI, CVBS) inputs in 1RU (3 Slots).
- Dual HDSOI and 1 HDMI outputs (CBS-3000 Control Box)
- Rugged and user friendly Boxes system for easy integration
- 10 bit image processing with low processing delay
- Quick control: Easy to use keyboard with 11 user configurable direct keys and encoder
- Aspect Ratio Selection (4:3, 16:9)
- Markers and safety areas
- ATC Time code(3G/HD/SD-SDI)
- No audio, Silence, No input and Black image on screen alarms
- Real time color Waveform (Selectable RGB, R, G, B, YCbCr, Y, Cb, Cr) and Vectorscope per input
- 16 Channel Audio Level Meters (3G/HD/SD-SDI embedded audio) (Vertical or Horizontal) NTP and Local Clocks and Timers
- 16 characters UMD and video format information
- Tally and UMD, TSL 3.1 and 5.0 compatible
- Selectable Background, border, text color
- Free user friendly drag and drop control software and firmware update by USB
- SNMP Compatible system
- Space-saving, fanless, energy-efficient and light weight aluminium design

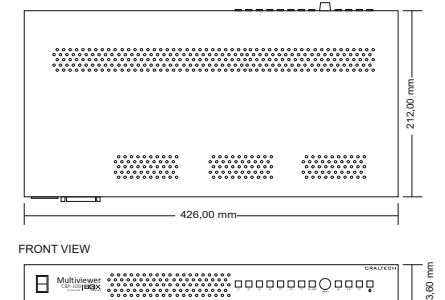
## Modular System Friendly & easy to integrate Box and slot system



### Specifications

CBP-100	
Slots	3 (2 used for input Boxes)
Chassis	Aluminium. Textured Black Powder Coat
Dimensions	426 x 43,6 x 212 mm (1U)
Power supply	12V (XLR connector)
Power consumption	24W
Accessories	19" rack support

### Dimensions

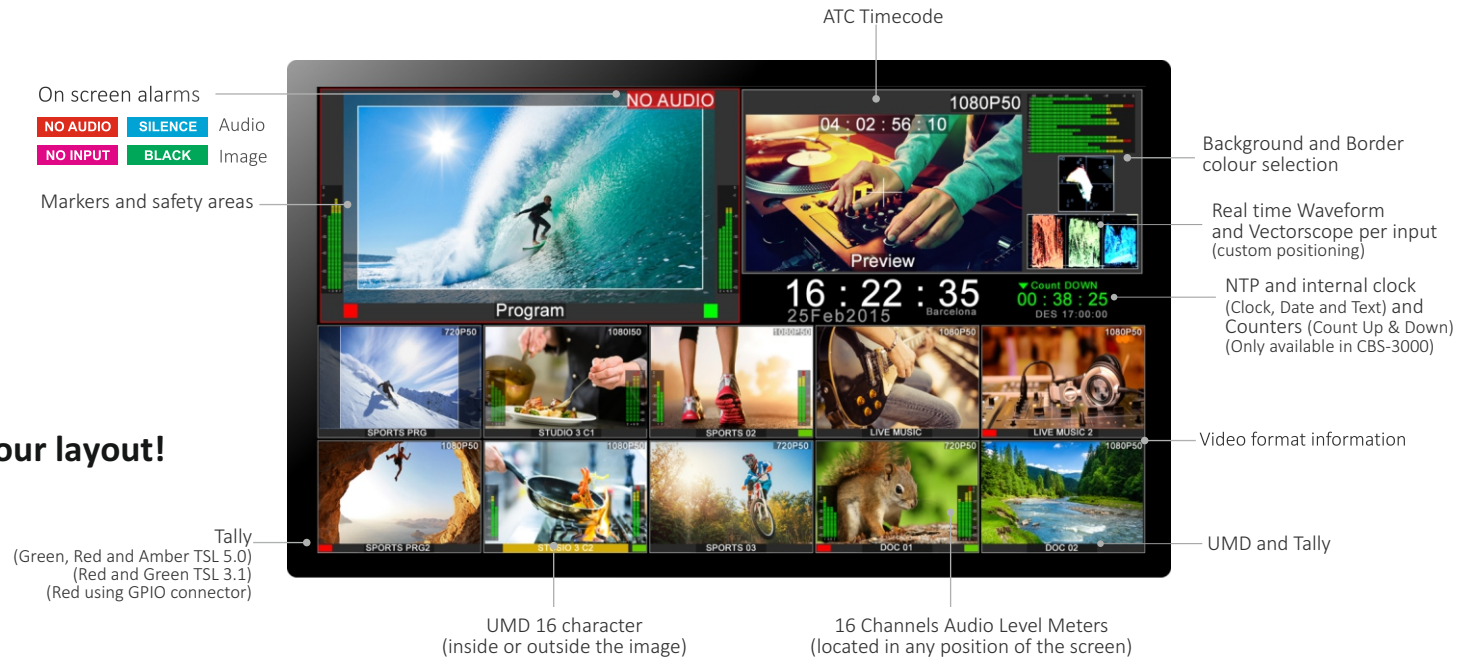


## Create your system

All inputs can be displayed on-screen simultaneously in any size and position using a high quality scaling or using one of the multiple factory presets.

Access to screen configurations and toggle on/off of the scopes just with a single key press, locate these options in one of the user configurable direct keys.

## Any size, any position, scopes,...custom your layout!



## Dual HD-SDI outputs & cascading capability

Control up to 128 inputs in 72 windows



## Combine your signals

Combine 3G/HD/SD-SDI, HDMI and Composite Video Signals, and display them in any size and any position.

B4B series is a modular systems that fits all your monitoring requirements.

## Share your Boxes

Optimize and increase flexibility of your monitoring systems. Same Boxes can be used in any of our LCD Monitors or Video Processors, feel free to share them and adapt your monitoring systems to your needs.

## Replace your Boxes

The B4B Series Modular System offers the opportunity of adding new inputs when you need them, and make service easier.

## 3G/HD/SD SDI, HDMI, CVS and Control Boxes



CBS-3000 Control Box with dual output  
3G/HD/SD, HDMI & CVS inputs  
Combinable input Boxes  
Slot system for easy integration  
Compact lightweight rugged design



Diagram showing the rear panel connectors for the CBS-3G8, CBS-3G4L, CBS-3G4, CBS-HD8, CBS-HD4, CBS-3G4HD4, and CBS-CV8 modules. Each module has a 36V HD/SD-SDI input and a 36V HD/SD-SDI output.

- CBS-3G8**: 8 x 3G/HD/SD SDI Inputs
- CBS-3G4L**: 4 x 3G/HD/SD SDI Inputs with active loop through
- CBS-3G4**: 4 x 3G/HD/SD SDI Inputs
- CBS-HD8**: 8 x HDMI Inputs
- CBS-HD4**: 4 x HDMI Inputs
- CBS-3G4HD4**: 4 x 3G/HD/SD-SDI and 4 x HDMI Inputs
- CBS-CV8**: 8 x Composite Video Inputs

**3G/HD/SDI-SD:** 1080p (60/59.84/50/ 30/29.97/25/24/23.98/25sF/24sF/23.98sF), 1080i (60 / 59.94 / 50), 720p (60 / 59.94 / 50), 480i (59.94) 576i (50)  
**HDMI:** 640x480 (60Hz), 800x600 (60Hz), 1024x768 (60Hz), 1366x768 (60Hz), 720p (50Hz), 1080i (50Hz) (No HDCP support)  
**Composite Video:** 480i (59.94) 576i (50)