

## M30

### RGB to VGA-Scan Converter

Nowadays, displays for RGB sources are expensive and quite hard to get, especially if the customer wants to get the benefits of a flat screen. Clearly, there is a need to convert RGB signals for the modern Graphics interface. To display RGB data on a VGA display, the RGB to VGA scan Converter digitizes the incoming signals, stores them in an internal video memory and displays them from there in a common resolution. The picture can be displayed in original size or format filling. The RGB to VGA scan Converter is equipped with various automatic and manual video correction tools in one screen utility. It can receive various video signals up to 22KHZ and convert it to VGA signal with horizontal frequency over 30 KHZ that can display on CRT/LCD monitors. It has a Keypad with 4 arrow key that use for device setup. The LCD on the device show related information.

#### Benefits

- Cost effective
- Perfect Image Quality at all resolution.
- Output Adjustable Resolution up to 1024x768.
- Output Power Connector available for CRT/LCD.
- Different scaling modes for best match to your application.
- Automatic detect input signal frequency

#### Adjustable properties

- Auto configuration ON/ OFF
- Brightness/ Contrast
- Input image sizing
- Output image scaling and sizing
- Output Resolution

#### Applications

Building Automation/ Factory Automation/ Machine Automation/ Remote Maintenance/ Remote Diagnosis/ Testing Equipment

#### Device Specifications

Interface	
LCD 2x16	To display all signal characteristics and performing device setup
Keypad(#4)	OK, UP, DOWN, ESC
Power	
Input Range	100 ~ 240 VAC
Consumption	10 W (max)
Mechanical	
Dimensions Box (W x L x H)	195mm x 240 mm x 80 mm
Installation	Desktop

#### I/O Specifications

Input	
Input Connector	6 BNCs for RGB signals, CSYNC, VSYNC, HSYNC
Input Video Signal Frequency	15KHZ to 22KHZ Horizontal (for other frequency see other model)
Input Support	RGB, RGBS
Output VGA	
Output Connector	DB15
Output VGA Signal Frequency	Over 30KHZ Horizontal
Output Display	CRT/LCD monitors
Color Depth	4:4:4
Color#	4096
Output Adjustable Resolution	Yes
Output Power	
Output Power Connector	Available for CRT/LCD

#### Input signal connection

Sync Type/connector	R	G	B	CSYNC	VSYNC	HSYNC
SOG (sync on Green)	Red	Green	Blue	-	-	-
CSYNC (Composite Sync)	Red	Green	Blue	Composite Sync	-	-
H & V (separate Sync)	Red	Green	Blue	Horizontal Sync	Vertical Sync	-
Composite Sync Monochrome	-	Color	-	-	-	-