

Frame Grabber



Probe for all digital receivers

- CVBS, S-VIDEO and RGB analog video signals
- PAL, NTSC and SECAM color systems
- Easy to use device configuration

General Specification

Frame Grabber is a powerful probe for audience measurement of the digital television. Measurement is totally non-intrusive which makes installation of the device simple and eliminates the need for modifications of the subject device.

Channel Identification

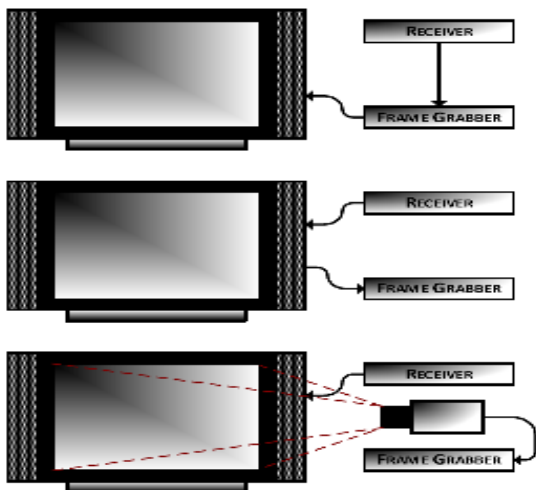
Primary method for channel identification is video signal processing. By searching for identifiers in the picture and additional visual information generated by receiver into the picture for viewer, Frame Grabber concludes currently viewed channel.

Receiver specific profiles

With receiver specific profiles it is possible to detect usage of the receivers menus and number of additional functions. As a result, a channel change event can generate also a number of specific information about the channel change method.

Integration to the iMeter

When Frame Grabber is used together with DA-Design's new meter system, it provides flexible system level solution for digital measurements.



Technical specification

	FG03	FGM
Dimensions	168 x 135 x 58 mm Note: excluding the cables	160 x 120 x 25 mm Installed into iMeter or MMeter
Power supply	7...24 VDC / 3W 2.1 mm DC plug	3W
Operating temperature	+5 to 40 °C	
Controller	TMS320VC5409 DSP running at 80 MHz 32 Mb FLASH, 16 Mb SRAM	
Interfaces		
Video	Dual SCART connector Pinning and levels as EN 50049-1 defines	Internal 50 pin connector Levels as EN 50049-1 defines
IR Interface	Telco 4 connector IR code receiver and transmitter CMOS level signals	Internal 50 pin connector IR code receiver and transmitter CMOS level signals
Meter Interface	Telco 8 connector CMOS logic level RS-232 signals RS-485 levels as EIA RS-485 defines Note: RS-232 and RS-485 interfaces are not available simultaneously.	Internal 50 pin connector CMOS logic level RS-232 signals SPI interface (3 V)
PC Interface	USB B connector As USB 2.0 defines	Through iMeter USB B As USB 2.0 defines
PC/OS requirements		
Operating system	Windows XP/2000 operating system with FG Setup or Meter Setup installed.	Windows XP/2000 operating system with Meter Setup installed.



FG03 package includes all the required parts to start operating (FG and power supply). Excluding the PC, USB cable and SCART cables.

IR sensor is purchased separately if one is required for measurement.

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