

Digital Pattern Generator

FPDLite

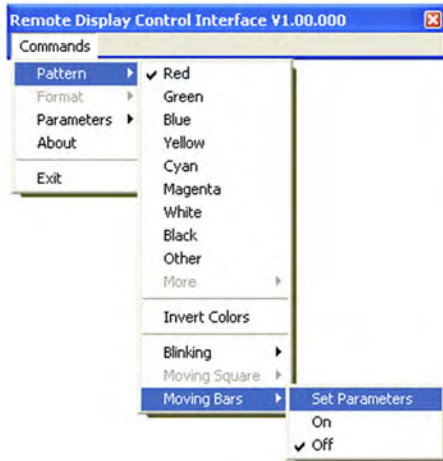
**COST
EFFECTIVE**



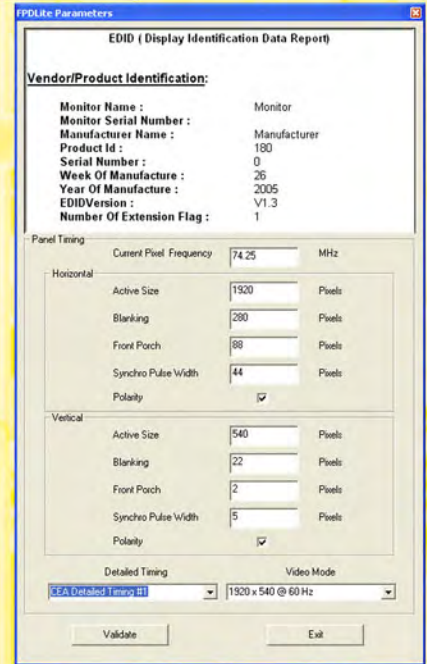
Fast digital video pattern generator dedicated to display modules characterization

Features	Benefits
DVI single link	Monitors up to UXGA resolution (1600x1200) HDTV up to HD 1080 resolution
Ultra fast pattern switching	Convenient for gamma curve, grey to grey level response time ...
USB 2.0 Plug & Play	Quick start (no interface card needed)
VESA DDC2B/CI fully compatible	Automatic configuration of panel timings compatible with EDID v1.3 and EIA/CEA-861 extension

ADVANCED COLORIMETRY by  **ELDIM**



Pattern & parameter selection



Display & configure VESA EDID information



FPDLite specifications

Video Processor	Pixel Rate	Scaleable bandwidth 25-165 Mhz
	Graphic Display	VGA to UXGA for monitors, HD720 to HD1080 for HDTV
	Color Depth	RGB True Color (16.7 million) support
Connectors	Video connector	DVI 1.0 TMDS, for other connector please contact us
	External synchronization	Trigger TTL output, all synchronization signal (Hsync, Vsync) can be monitored
	PC Communication	USB 2.0 Plug & Play interface
Software	Stand alone Software	- Automatically configure & manually modify panel timings - Edit & print VESA EDID & EAI-CEA 861 informations - Select & display predefined test pattern
	ActiveX library	Useful to implement some automation measurements
	Embedded pattern library	Configure & select test pattern (full screen color, moving bars, blinking...)
Power	Voltage	AC 100-240V, 50/60Hz (external power supply)
	Consumption	5 watt (typically)
Size & weight	Size (W x H x D)	145mm x 95 mm x 50 mm
	Weight	1.5 Kg

