

# VA-1807

## Optimal model for standard HDCP inspection !

VA-1807 is Protocol Inspection Unit used to inspect the functions of a HDCP supporting display monitor. VA-1807 is capable of outputting typical display timing and changing output patterns as well. Because of miniaturization and low cost, its a suitable addition to a production inspection line for display monitors.

### Features

- Can perform HDCP encoding.
- HDCP certified setting is provided.
- When an HDCP certification error occurs, the unit can verify the contents.



## specifications

<b>Operating frequency</b>	DVI single output 25.17 to 162MHz (fixed frequency only)		
<b>Output signals</b>	TMDS output (no analog signal is output)		
<b>Transmission distance</b>	5m (16.4ft)		
<b>Output swing resistance</b>	510Ω		
<b>Output format</b>	<b>PC system</b>	<b>TV system</b>	
	VGA (Refresh rate : 59.94Hz)	720 × 480i	59.94/60Hz (Dotclk : 27MHz)
	SVGA (Refresh rate : 60.317Hz)	720 × 480p	59.94/60Hz
	XGA (Refresh rate : 60.004Hz)	720 × 576i	50Hz (Dotclk : 27MHz)
	SXGA (Refresh rate : 60.020Hz)	720 × 576p	50Hz
	UXGA (Refresh rate : 60.000Hz)	1920 × 1080i	50/59.94/60Hz
		1280 × 720p	50/59.94/60Hz
<b>Output pattern</b>	100% Flat Field (Black, White, 50%Gray), Color Bar (100%, 75%, SMPTE), Gray scale (8/16/32 steps), Horizontal ramp, Burst (Multi, 1dot), Cross hatch + Dot, Checkered pattern, Window (1/4/9pcs., Right scrolling, Left scrolling), Display position adjuster		
<b>General specifications</b>	<b>Voltage</b>	AC100 to 240V (50/60Hz)	
	<b>Power consumption</b>	Max. 15W	
	<b>Operating temperature range</b>	+5 to 40°C	
	<b>Storage temperature range</b>	-10 to 60°C	
	<b>Operating humidity range</b>	30 to 80% RH (no condensation)	
	<b>Dimensions</b>	260(W) × 51(H) × 196.5(D) mm (excluding projected parts)	
	<b>Weight</b>	Approx. 1.5kg	

Rear View VA-1807

