



LSC44-37 (Scout)

- Head Mounted Display -

1. Technical Characteristics

The Scout HMD is a specialized product designed for Virtual Reality applications. It is an opto-electronic device that projects an image or streams video through near-the-eye micro-displays.

The device is equipped with two micro light crystal displays (LCDs) attached to magnifying optical elements of high quality for each eye.

2. Technical Specifications

Micro Displays	2 x SVGA LCD 800 x 600 x 3 color
Display Color	24 bit
Frame Rate	60 fps
Contrast Ratio	130:1 (typical)
Overlap	100 %
Field of View	38° - 40° diagonal
Distortion	< 3%
Eye distance (IPD)	58 – 70 mm adjustable
Eye Relief	27 mm
Eye Motion Box	8 mm (h) x 6 mm (v)
Video Interface	DVI-D or HDMI
Audio	3.5 mm socket for headset
Cable Length (max)	15 ft (~ 4.57 m)
Power Consumption	2.5 W (5 V, 500 mA from USB port)
Operating Temperature	0° C to +60° C (operating temperature display)
Weight	210 g (without headband)
Dimensions (W/H/D)	150 mm x 53 mm x 52 mm

Subject to technical modifications

3. How to operate the Scout

- 1) Connect the DVI-D or HDMI (depends on ordered version) plug to the graphic-card output of your PC.
- 2) Connect the USB plug, which comes from the connection-dongle to the PC. This will power out the Scout.

To disconnect the Scout from your computer, perform the above steps in reverse order.



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