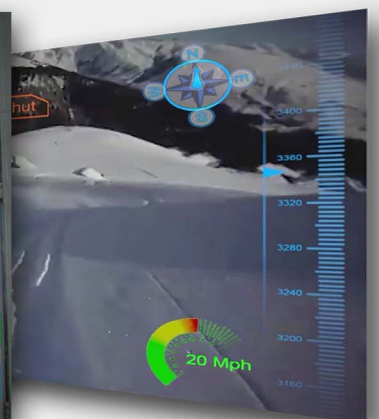
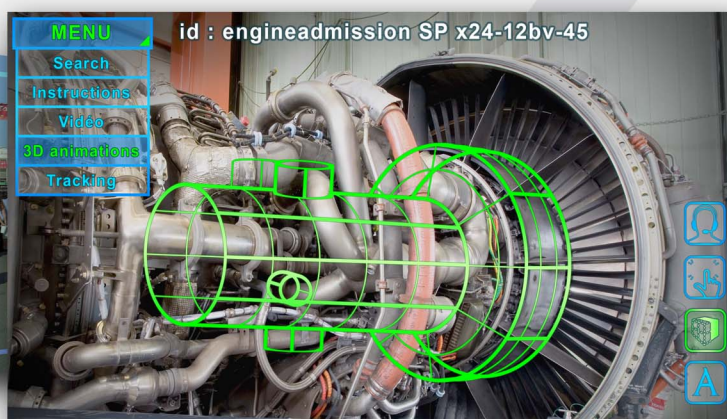
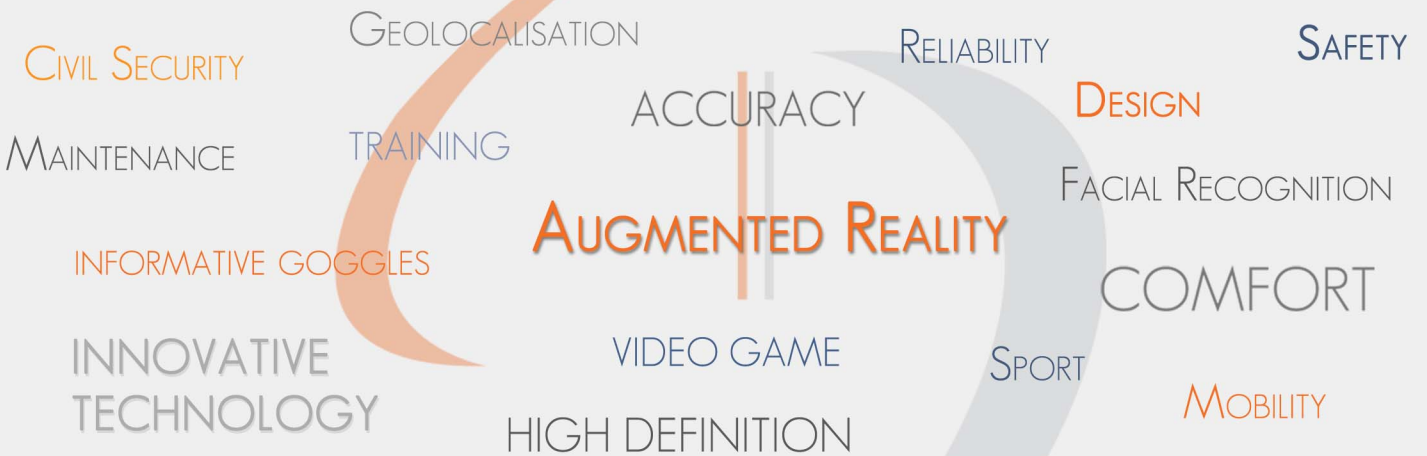


LASTER PMD G2

LASTER TECHNOLOGIES



ENHANCE YOUR VISION

# LASTER PMD G2

# TECHNICAL DATA

## COMPONENTS



Display definition	800 x 600 pixels
Display frequency (electronic)	60 to 85 Hz
Field of view (FOV)	Approx. 50° diagonal (in 4/3 format)
Accommodation distance (adjustable)	Approx. 30 cm to 3, 5 m
Contrast	> 200 :1 (color) / > 800 :1 (monochrome)
Brightness	Approx. 200 cd/m <sup>2</sup> (color) Approx. 2200 cd/m <sup>2</sup> (monochrome)
Image format	4/3
Colour	Green (monochrome) or 16, 7 millions (color)
Grey scale	Up to 256 levels
Types of information displayable	Texts, images, videos (2D / 3D)

## SPECIFICATIONS

### Camera (optional)



\*Camera display changeable on request

- Number of effective pixels : 316K (NTSC & PAL)
- Image Sensor : 1/4" Color CCIQ II
- Scanning system : 2:1 interlace
- Resolution : 400 TV Lines
- S/N Ratio : > 50 dB
- Minimum Illumination : 0.2 lux @ F1.2
- Image Transfer Rate : 60 Hz
- Built-in Lens : approx. 60° (H) x 45° (V)
- Video output : 1Vpp 75ohm composite or USB
- Power supply : DC 5 to 12 V or USB
- Power current : 100 mA (max.)

### Video input

- VGA compatible with VESA VSIS standard
- HDMI, PAL-NTSC, Composite (Jack 3.5 mm)

### Compatibility with spectacles

Partial (some eyeglasses can limit the displayed FOV)

### Weight

- ~ 70 g (+ 30 g for the head set)
- ~ 65 g for electronic box

### Mechanical HMI

- ON/OFF button
- brightness control (+/- buttons), ultra-brightness mode

\*Note : All images shown are for illustrations purpose only