

LASTER G1 Standard specifications¹:

Display definition	800 x 600 pixels
Display frequency (electronic)	30 to 85 Hz
Field of view (FOV)	Approx. 50° diagonal (in 4/3 format, approx. 40° x 30°)
Accommodation distance (adjustable)	Approx. 30 cm to 3,5 m
Contrast	> 200:1 (color) / > 800:1 (monochrome)
Brightness	<ul style="list-style-type: none"> ● Approx. 200 cd/m2 (color) ● Approx. 2200 cd/m2 (monochrome)
Image format	4/3 or 16/9
Colour	Green (monochrome) or 16,7 millions (color)
Grey scale	Up to 256 levels
Types of information displayable	Texts, images, videos
Camera	<ul style="list-style-type: none"> ● Number of effective pixels : 648 x 488 ● Image Sensor : 1/4" Color CCIQ II ● Scanning system : 2:1 interlace ● Synchronization : Internal ● Resolution : 400 TVL ● S/N Ratio : > 50 dB ● Minimum Illumination : 0.2 lux @ F1.2 ● Frame rate : 60 fps ● Built-in Lens : approx. 60° (H) x 45° (V) ● Video output : 1Vpp 75ohm composite ● Power supply : DC 5 to 12 V ● Power current : 100 mA (max.)
Video input	<ul style="list-style-type: none"> ● VGA compatible with VESA VSIS standard ● SMTPTTE-170 & PAL (monochrome)
Compatibility with spectacles	Partial (some eyeglasses can limit the displayed FOV)
Weight	<ul style="list-style-type: none"> ● LASTER G1 optical module : ~ 80 g ● Head set : approx. ~ 100 g
Mechanical HMI	<ul style="list-style-type: none"> ● ON/OFF button ● brightness control (+/- buttons), ultra-brightness mode ● scan direction control (vertical/horizontal flip)
Power	<ul style="list-style-type: none"> ● 300 to 500 mW , via USB port or external DC 5V power supply
Storage Temperature	- 20°C à + 60°C
Working Temperature	- 10°C à + 45°C

¹ Custom specifications under request