



HDSight™

High-resolution OEM Display Modules

The Sensics HDSight is an ultra-light, high-resolution, high-definition display module for OEM/ODM applications. The HDSight provides a unique solution to applications that can benefit from exceptional resolution, low weight and superior image quality.

Key features include:

- High resolution: Typically 1680x1050 pixels per module.
- Panoramic field of view: Up to 109° horizontal, 45° vertical.
- Complete turnkey solution: includes full optics, packaging and drive electronics.
- Vibrant, high-contrast image with no motion blur.
- Lightweight and small: a complete module including optics and protective enclosure weighs approx 75 grams and is 10x5x3 cm (WxDxH) in size.
- Low power, long lifetime, extended temperature range.

Several different HDSight configurations are available, covering a wide range of performance and price requirements. An optional video processor provides real-time image enhancement and adaptation capabilities.

TYPICAL SPECIFICATIONS

IMAGE

Field of view	85°x45°
Resolution	1680x1050
Technology	OLED
Contrast ratio	>800: 1
Luminance	115 fL, self-emitting
Color depth	24 bit
Display response time	<0.01 mSec

MECHANICAL

Weight	75 grams
Size	10x5x3 cm
Display operating temperature	-40°C to +65°C
Enclosure	Aluminum

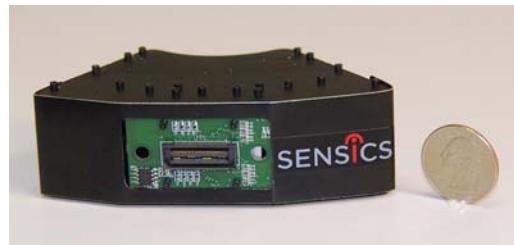
INTERFACE

Video format	DVI
Display power	<2 Watt
Power input	6-18 VDC
Refresh rate	60 Hz

POPULAR CONFIGURATIONS

Part number	FOV (HxV)
111-42	109x45°
89-32	85x45°
87-31	85x30 °
69-22	65x45°

Specifications subject to change without notice. Specifications are for model 89-32. Other configurations available.



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