



Example of an image seen by the *NED display user*

The *NED display* is a high resolution monocular **Near-Eye-Display** that allows users to see text, schematics or video while having hands-free. The *NED display* offers a true **see-through** image superimposed to the real scenario compared to others. Thanks to its design and technology you can see a full colour image with **high definition** such as in a modern pc monitor. This personal viewer can be used with eyeglasses, thanks to the innovative adjustment mechanism. It allows users to intuitively positioning the image in their field-of-view with optimum comfort. When connected through HDMI interface or **wirelessly** is easy to use. It mirrors your smartphone, tablet or pc screen.

NED TECHNICAL SPECIFICATIONS

DISPLAY

RESOLUTION	SVGA + : 800 x 600 pixel.
COLOR PIXEL ARRANGEMENT	RGB 16.7 million colors
CONTRAST RATIO	200:1 (color)
MAXIMUM LUMINANCE	400 cd/m ² color
WEIGHT of OPTICS	30 gr
OPERATING TEMPERATURES	-40°C to +60°C
BRIGHTNESS CONTROL	Yes
FOV (diagonal)	~30°
EYE RELIEF	Adjustable

POWER INTERFACE

TOTAL POWER DISSIPATION	Typically, < 200 mW 395 mW peak (25°C, 60 Hz, All pixels on)
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CONNECTORS

INTERFACE:	HDMI
COMMUNICATION:	WIRELESS or HDMI cable
POWER SUPPLY	Integrated in headband support

PRODUCT APPLICATIONS

- Maintenance
- Healthcare
- Industrial
- Navigation
- Search and Rescue



NED Display PARTS LIST

- NED display *housing*
- Headband support containing:
 - Wireless display adapter
 - Battery pack
 - Camera (optional part)
- User manual