



**AIRO II**



## AIRO II: Optical See Through HMD based on OLED Technology

Cinoptics developed the AIRO series especially for Augmented Reality applications, particularly effective in hands free procedures. The lightweight OLED based AIRO II is suited for applications that involve training and simulating, medical navigation, maintenance support, logistics and more.

The AIRO II is a welcome addition to the existing AIRO series based on FLCoS Technology: AIRO Monocular, AIRO Bi-ocular and AIRO Helm (a Helmet Mounted version).

### Specifications\*:

#### Optical

Field of view	~40° diagonal
IPD adjustment	Yes
Dioptric adjustment	No
Transparency	~70%

#### Display

Display technology	OLED
Number of displays	2
3D capable	Yes
Resolution	1280x720 (720p)
Aspect Ratio	16:9
Refresh rate	60 Hz
Color depth	24bpp (true color)
Brightness	200 cd/m <sup>2</sup>
Contrast ratio	1:10,000
Display diameter	0.71"
Total pixels	2,764,800
Pixel pitch	12.3 μm

#### HMD

Interfaces	2x DP 1x USB 1x Power
Audio Control	Optional USB
Camera	Optional
Head tracking	Optional
Weight	380gr
<b>Power</b>	
Input voltage	12V
Power	3.5W

\*Specifications are subject to change without prior notice

### About Cinoptics:

Cinoptics defines, designs and manufactures electronic optic systems for integration in Virtual and Augmented Reality applications. Cinoptics offers a clear perspective on complex technologies. Due to our experience, vision and extensive network we can transform specific needs into tangible results.

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