





## COBALT: OLED Head Mounted Display

Cinoptics introduces versatile COBALT. The OLED based HMD performs with various optics, cameras and casings and can be customized to meet specific requirements. Cobalt will allow efficiency and cost-reduction in a variety of applications for the military, civil and medical markets.

### Specifications\*:

#### Optical

Field of view	60° Diagonal
IPD adjustment	52 - 74mm
Dioptric adjustment	-4 to +2

#### Display

Display technology	OLED
Number of displays	2
3D capable	Yes
Resolution	1280 x 720
Aspect Ratio	16:9
Refresh rate	60 Hz
Color depth	24bpp
Brightness	max 200cd/m2
Contrast ratio	1:10.000
Display diameter	17.95mm (0.71")
Total pixels	921.600
Pixel pitch	12.19 µm

#### HMD

Interfaces	2x DP 1x USB 1x Power
Audio	Yes (USB)
Control	Yes (USB)
Camera	Optional
Head tracking	Optional
Weight	TBD
Power	3,5W
Input voltage	12V

\*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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