



ARCTIC



ARCTIC: Augmented Reality mobility solution

Cinoptics Hand Held ARCTIC is a ruggedized MIL spec C4I viewer and designed to support military operations in the field. The display has proven reliability in weapon-fire shock environments. ARCTIC provides an efficient, rapid exchange of information via camera and Augmented Reality. The robust and durable design can be used under all kinds of conditions.

Extra features included are: a compass and programmable keys.

Specifications*:

Optical

Field of view	56° Diagonal
IPD adjustment	No
Dioptric adjustment	Available
Focus	-4 to +2

Display

Display technology	OLED
Number of displays	1
3D capable	No
Resolution	1280 x 720
Aspect Ratio	16:9
Refresh rate	60 Hz
Color depth	24bit 8bpp
Brightness	max 200cd/m2
Contrast ratio	1:10.000>infinity
Display diameter	17.95mm (0.71")
Total pixels	921.600
Pixel pitch	12.19 µm

HMD

Interfaces	1x DP 1x USB 1x Power
Audio	No
Control	Programmable keys
Camera	5Mpix
Head tracking	Optional
GPS integration	Optional
Compass	Honeywell
Weight	380 - 420 gram
Power	2W
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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