

SEA.AI 

MACHINE VISION FOR SAFETY & SECURITY AT SEA



Watchkeeper Specifications Detection Range & Prices

FOR SAILING YACHTS

Available models

System	Vision Area	Color Field of View	Thermal Field of View	Detection Range
Watchkeeper Lite		Extra Wide	Not applicable	Short Range
Watchkeeper Sailing 320		Extra Wide	Narrowed View	Medium Range
Watchkeeper Sailing 640		Extra Wide	Wide View	Medium Range
Watchkeeper Sailing 1024		Extra Wide	Wide View	Long Range

Technical specifications

System	Color Field of View (H x V)	Thermal Field of View (H x V)	€ MSRP excl. TAX*	\$ US MSRP excl. TAX*
Watchkeeper Lite	130°x65°	Not applicable	€ 4,199	\$ 4,620
Watchkeeper Sailing 320	130°x65°	34°x25° (6.3mm)	€ 7,790	\$ 8,570
Watchkeeper Sailing 640	130°x65°	50°x40° (8.7mm)	€ 16,990	\$ 18,690
Watchkeeper Sailing 1024	130°x65°	50°x34° (2x14mm)	€ 23,590	\$ 25,950

Detection range**

Type of object	Buoy, Person 	Dinghy, RIB, Inflatable 	Motorboat, Sailboat 	Large Vessel 
Watchkeeper Lite	up to 65m	up to 350m	up to 900m	
Watchkeeper Sailing 320	up to 80m	up to 350m	up to 900m	
Watchkeeper Sailing 640	up to 100m	up to 460m	up to 1,200m	up to horizon
Watchkeeper Sailing 1024	up to 170m	up to 750m	up to 2,000m	

* Please note: All prices are provided for reference only and are subject to change.

** Detection range varies with environmental conditions.