



MARIS ECDIS 900 MK15 19" 4S
MARIS ECDIS 900 MK15 24" 4S
INSTALLATION GUIDE

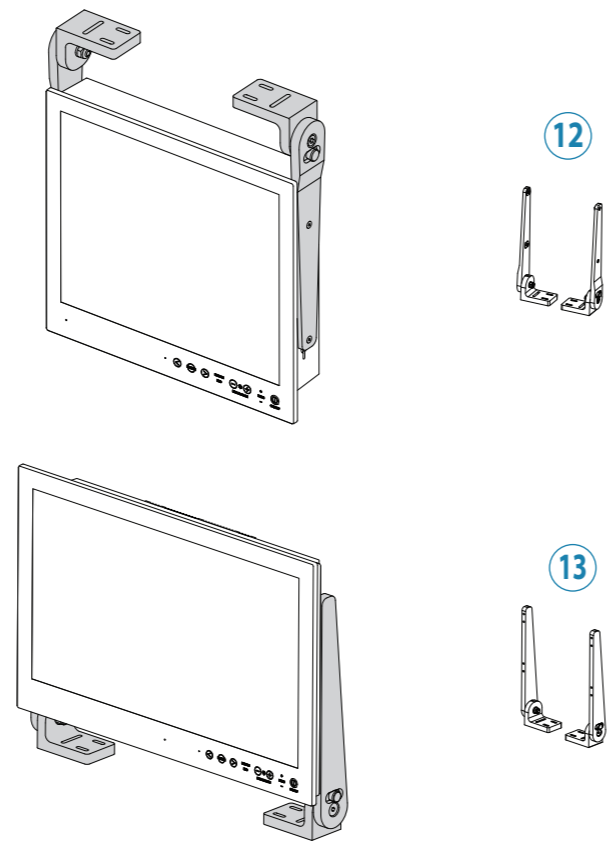


For technical specifications, certificates and declarations, refer to the product website on: www.navico-commercial.com

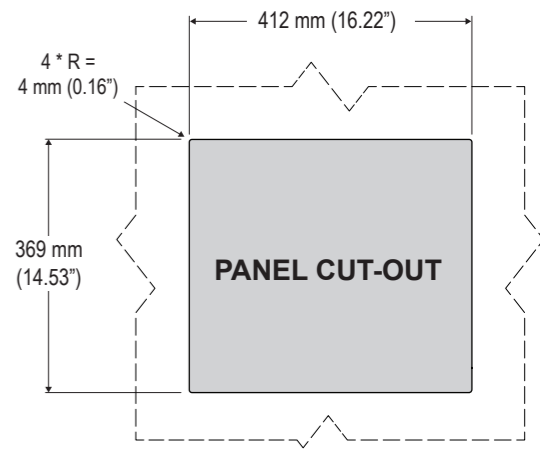
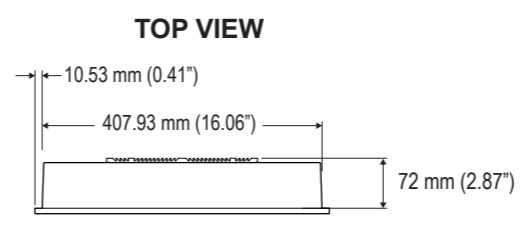
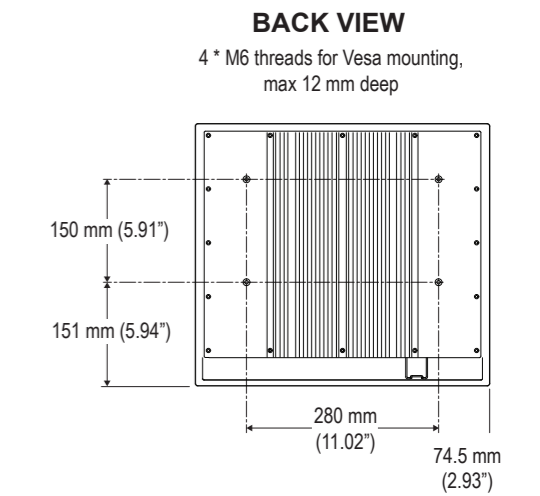
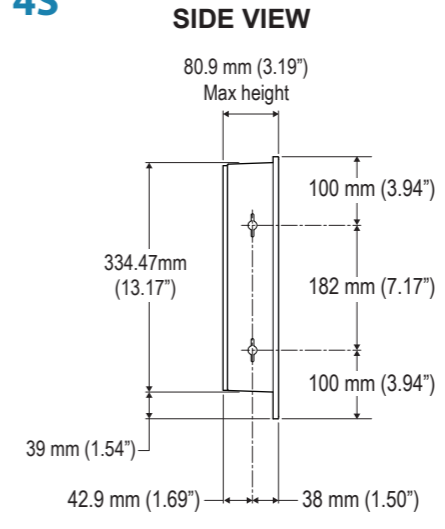
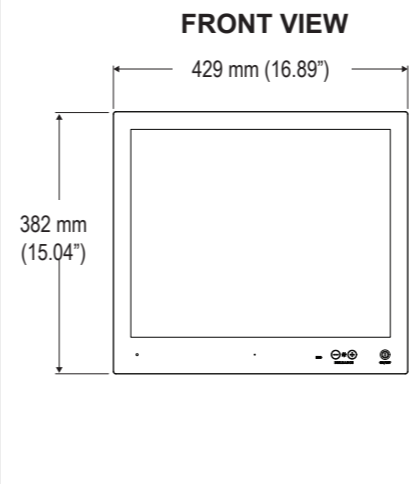


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Bracket mounting (Optional)



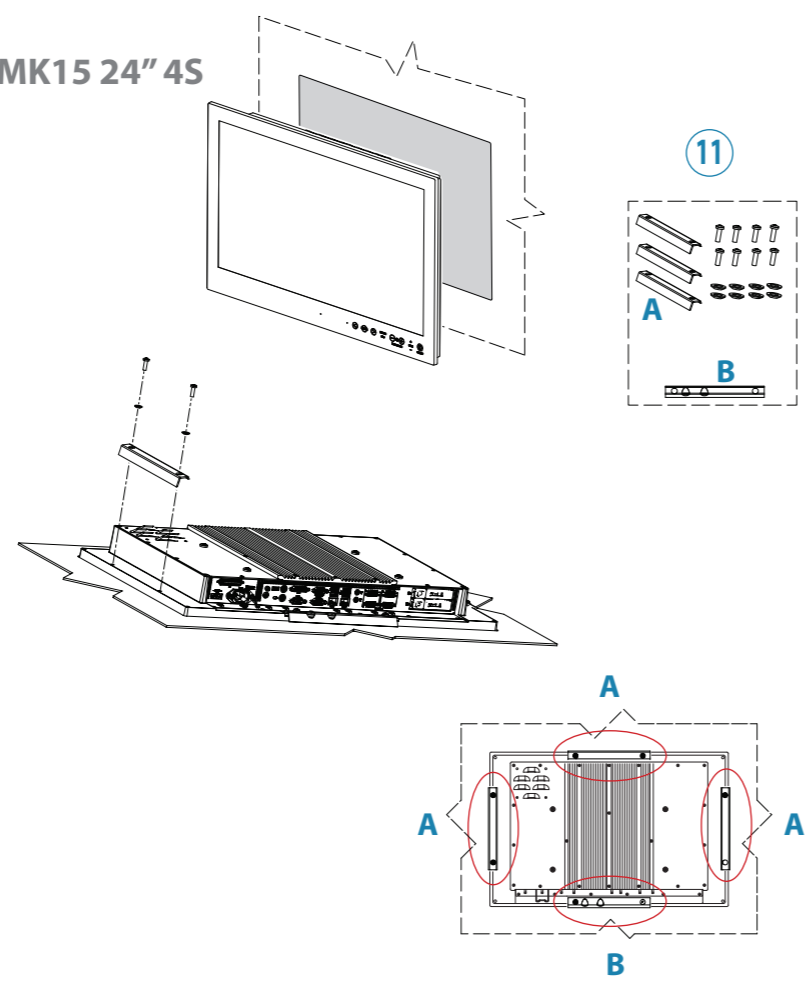
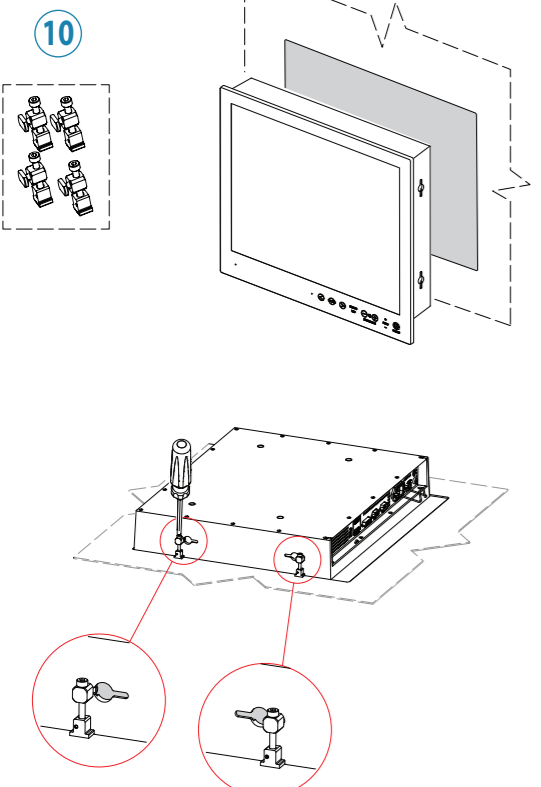
Dimensions - MK15 19" 4S



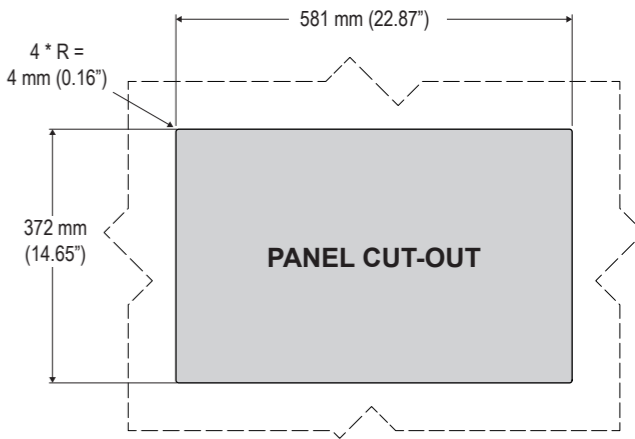
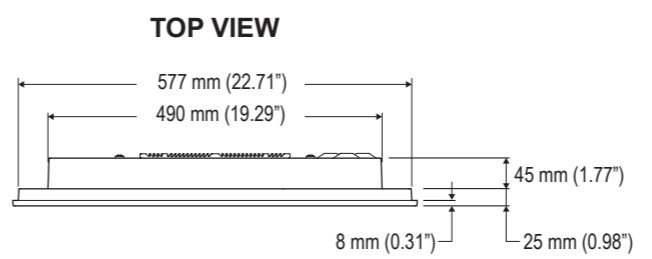
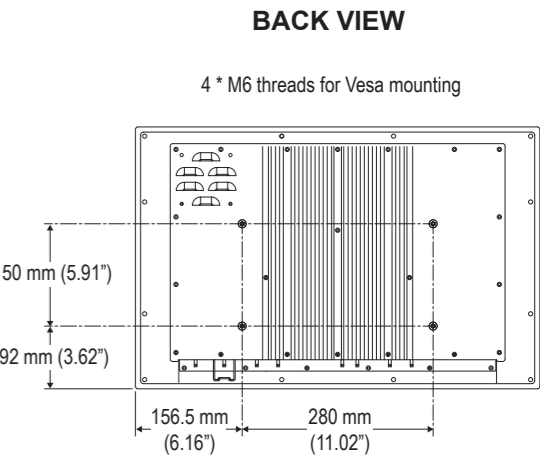
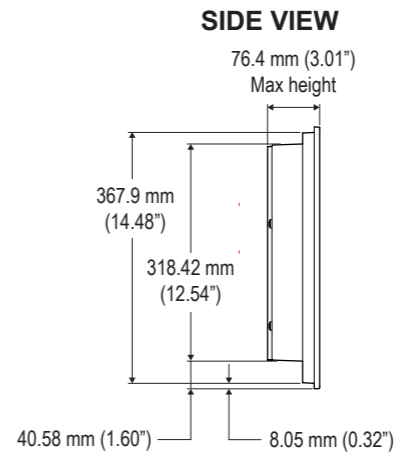
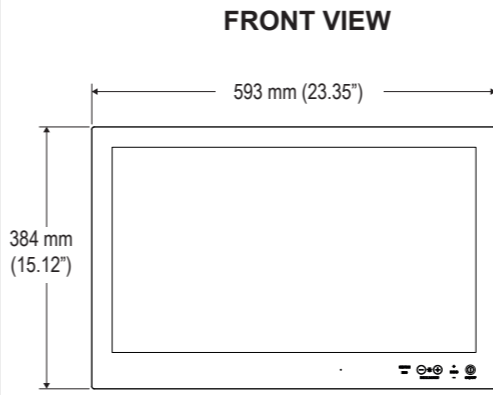
Panel mounting

MK15 19" 4S

MK15 24" 4S



Dimensions - MK15 24" 4S



Parts and Accessories

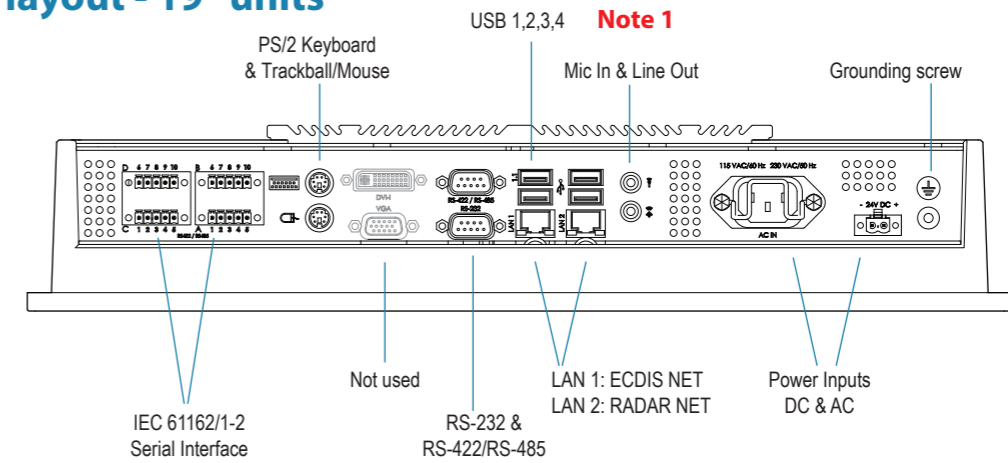
Parts included

KEY	DESCRIPTION	PART NO
1	MARIS MK15 19" 4S ECDIS unit	000-12547-001
	MARIS MK15 24" 4S ECDIS unit	000-11515-001
2	Power cables (240 V AC and 115 V AC)	
3	Terminal block (for 24 V DC)	
4	Terminal blocks (for Serial Interface)	
5	USB DVD drive	000-12523-001
6	ECDIS 900 documentation & dongle kit	000-12561-001
7	Keyboard	000-11197-001
8	Trackball/Mouse	000-11008-001
9	Panel mounting kit for 19"	
10	Panel mounting kit for 24"	

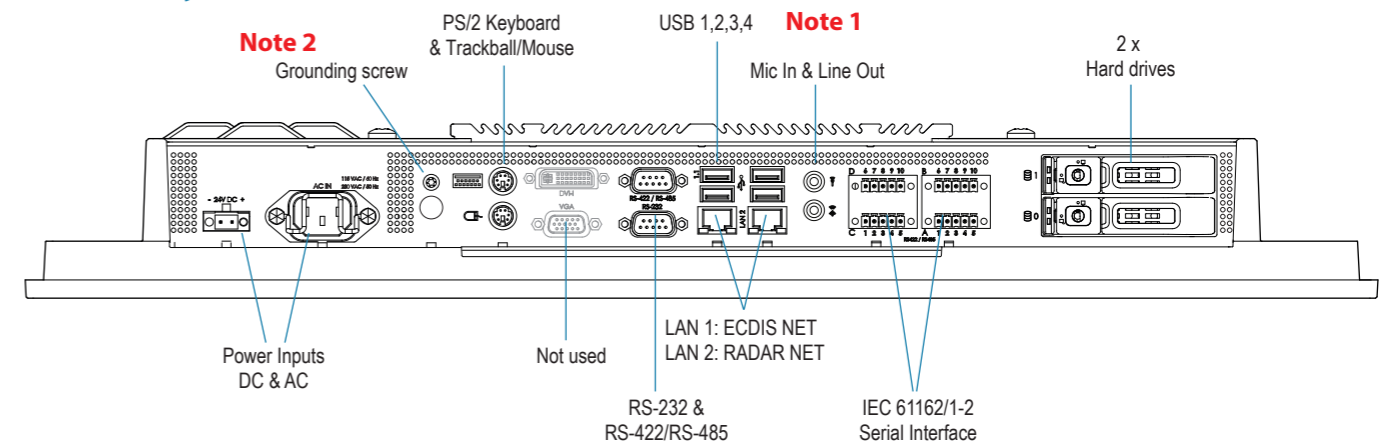
Optional equipment

11	Mounting brackets for 19"	000-11804-001
12	Mounting brackets for 24"	000-11805-001
13	USB Extension cable (1 m)	000-11802-001
14	External IEC 61162/1-2 Serial Interface unit	000-11803-001

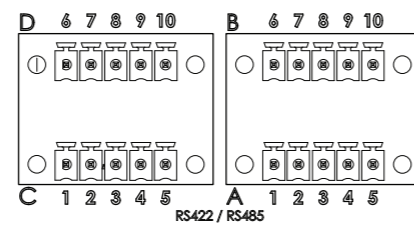
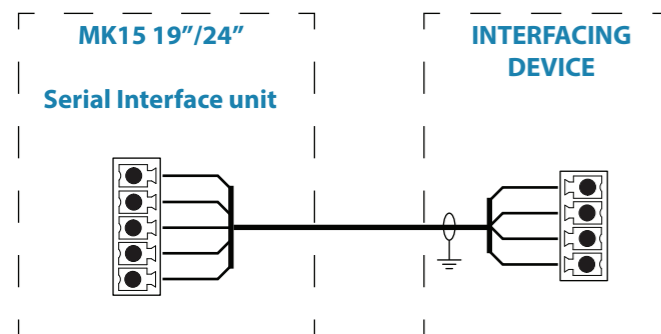
Terminal layout - 19" units



Terminal layout - 24" units



Wiring details - Serial interface



Ports	COM
A	3
B	4
C	5
D	6

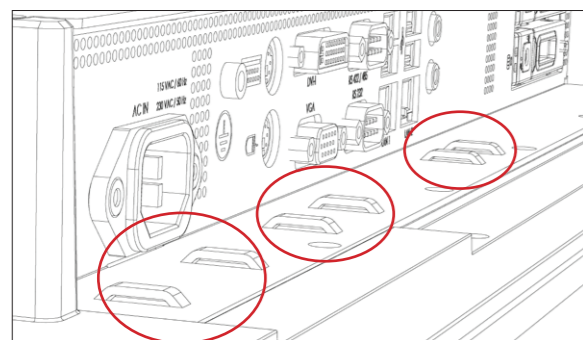
Pin	Signal
1	TX_B
2	TX_A
3	GND
4	RX_B
5	RX_A
6	TX_B
7	TX_A
8	GND
9	RX_B
10	RX_A

Wiring details - Power supply



The ECDIS unit has a dual input power supply which will accept both AC and DC input. If both inputs are connected, the unit will be powered by AC. If AC is disconnected it will automatically switch over to DC without affecting the operation of the unit. This makes it possible to use AC power as primary power and a 24V battery as secondary power.

Wiring details - Cable securing

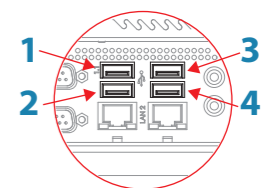


To reduce tension of the cables you connect, secure them with a cable tie to the available chassis hinges located near the connectors. Note that the actual position of these hinges may vary depending on the specific unit.

NOTES

Note 1

External IEC 61162/1-2 Serial Interface unit **MUST** be connected to USB port 1. USB Extender and E-Token **MUST** be connected to USB port 2, 3 or 4.



Note 2

DC models must be properly grounded via the screw located on the unit.