AS-5050 Datasheet

Rugged and Compact Field Instrument Case

DESIGNED FOR RAPID FIELD DEPLOYMENT

The AS-5050 case was specially designed to allow the AS-1250FE hardware to be deployed with a laptop or tablet in the field in area where the environment is not friendly to analytical equipment. The AS-1250 is securely mounted to a mounting plate by a hold down strap. A BNC cable bundle provides the connections from the AS-1250 to the bulkhead BNC connectors.

WATER TIGHT AND RUGGED CONNECTIONS

The case was designed to have water tight connectors of all the incoming and outgoing signals including AC power, Ethernet, and signal inputs. The analog input uses a recessed and rugged bulkhead BNC connector that allows the quick disconnection.

LAPTOP AND TABLET MOUNTING

The case provides mounting straps to be used during shipment and operation to securely hold the laptop or tablet to the case's lid.
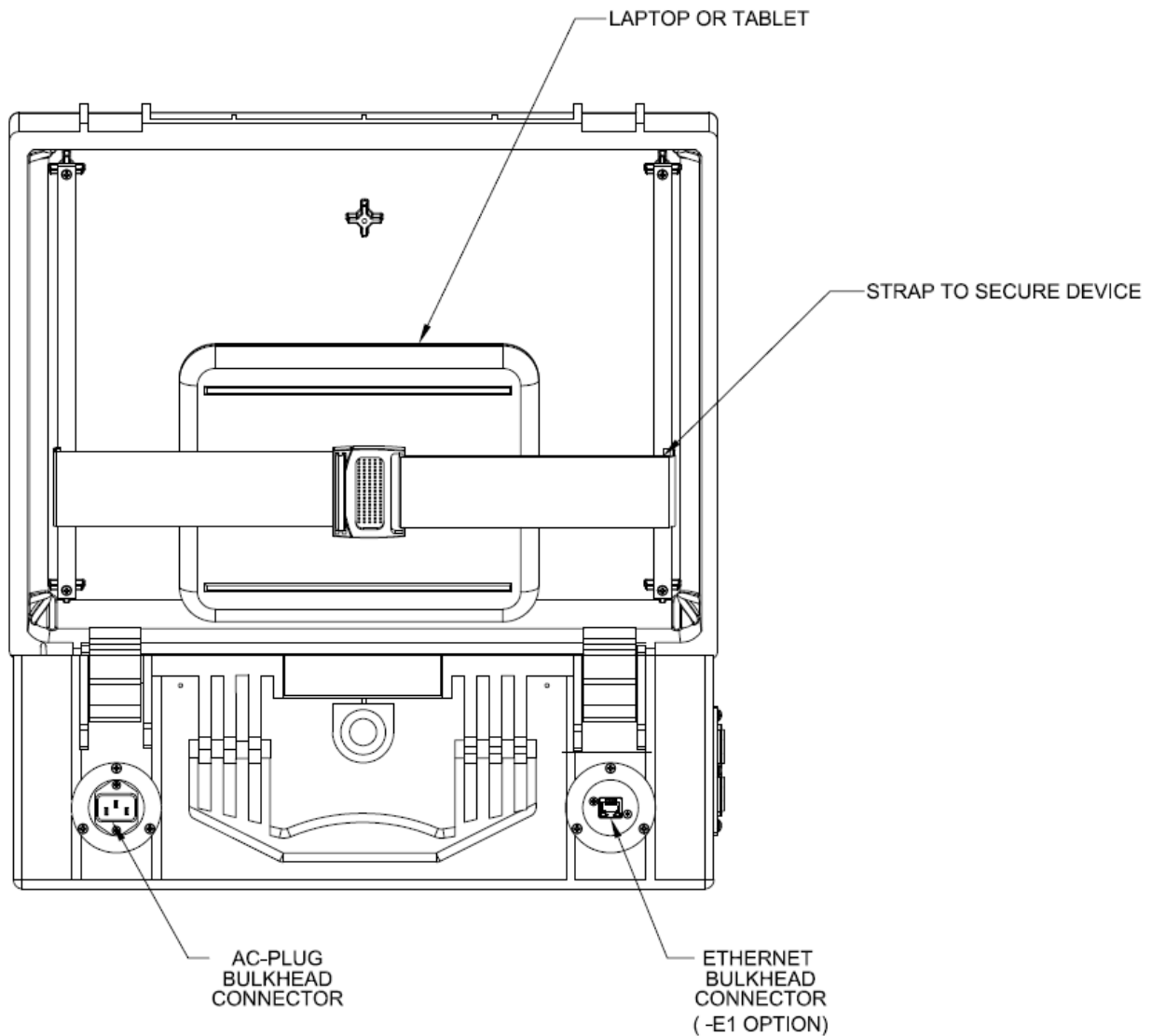
BATTERY OPTION

The case has an integrated battery option to power the laptop or tablet and AS-1250FE for multiple hours of operation.
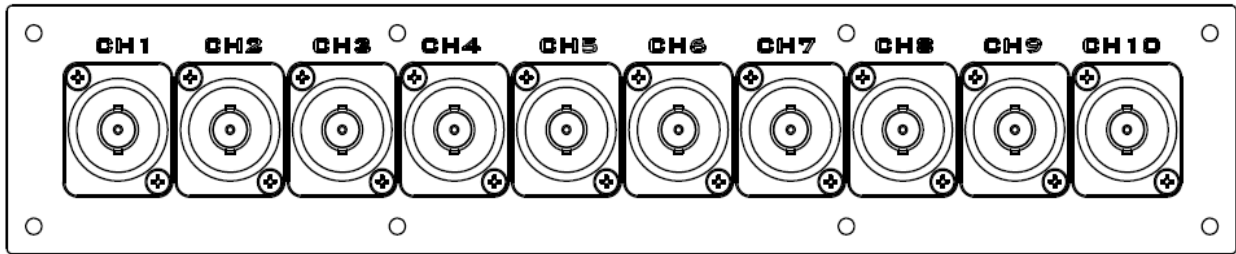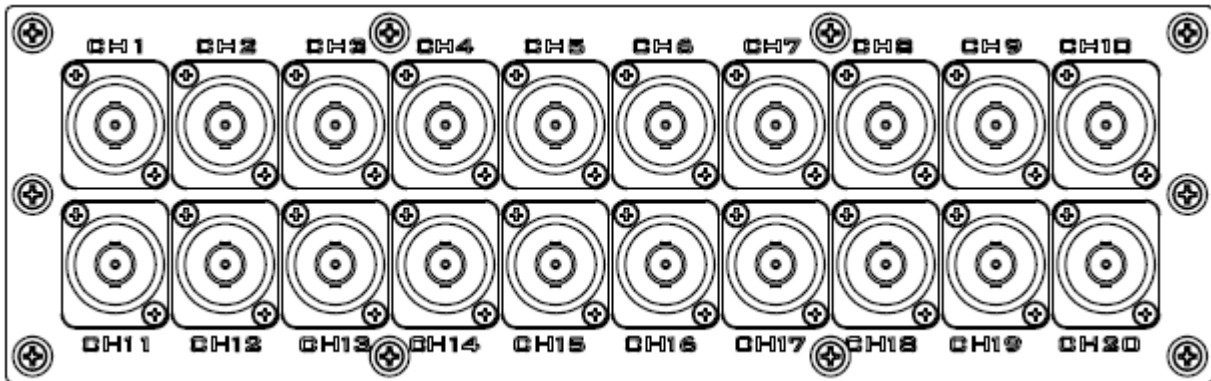
GENERAL

Number of Inputs	4, 6, 8, 10, 12, 14, 16, 18, 20
Input Power Connector	C14 with a Marinco watertight housing
Ethernet Connector	RJ45 (CAT 5/6 cable) with a Marinco watertight housing
Dimensions (Width x Depth x Height)	52.5 cm x 43.7 cm x 21.3 cm (20.66" x 17.20" x 8.40")
Weight	13.6 kg (30 lbs) – Includes case and AS-1250-C10. Laptop, tablet, battery not included in weight.
Construction	Polypropylene

LAPTOP OR TABLET

STRAP TO SECURE DEVICE

AC-PLUG BULKHEAD CONNECTOR

ETHERNET BULKHEAD CONNECTOR (-E1 OPTION)

INPUT CONFIGURATIONS

10 Channel Example

20 Channel Example

BATTERY SPECIFICATIONS

General	Removable from case
Capacity	50,000 mAh/185 Wh
Typical Performance	Based on AS-1250 with 8 channels and 2 phase markers, 10 hours of operation
Size	8.1" x 5.3" x 1.3"
Weight	3 lbs

ORDERING INFORMATION

Ordering Model Number Format: AS-5050-XX-EX-BX

Number of BNC Inputs	04, 06, 08, 10, 12, 14, 16, 18, 20
Ethernet Option	E0 = No connection provided E1 = Copper Ethernet connection provided
Battery Option	B0 = Battery not included B1 = 50,000 mAh battery included

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