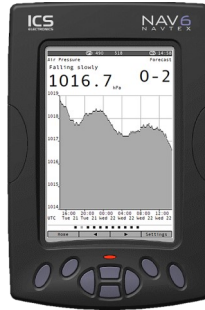# ICS ELECTRONICS

Weather and Navigational Maritime Safety Information for the serious sailor

NEW

Compact Thermal Printer

POWERFUL YET COMPACT

- Designed for easy and seamless installation with single cable integration

- 38 meters of printing per paper roll reducing paper changes and minimising maintenance for operational efficiencies

- Mounting bracket to suit a wide variety of uses

- Utilising a high speed and high quality fixed head thermal mechanism for superb quality prints

- Compact and quiet

- Pre-configured for operation with NAV6, NAV7 and Smartfind NAVTEX

The Ap1310 DC is our hard-wired thermal mini printer with a high voltage range that's ideal for mobile applications. It offers a larger paper roll size whilst retaining all the innovative features of the standard Ap1310. Featuring a Serial RS232 port, it is compatible with a range of mounting brackets to suit all mobile or fixed mount positions.

Each kit contains:

- Pre-wired printer for connection to PC

- Two paper rolls

- Mounting bracket

- User guide

- Cable options for NAV6, NAV7 or Smartfind NAVTEX connection

LEISURE

Specifications

SPECIFICATION	COMPACT THERMAL PRINTER
Data Input	RS-232 Serial (6-Core moulded cable)
Print Method	Fixed head thermal mechanism
Print Speed	60 mm/s (with 12V input voltage)
Paper Specification	Paper roll width: 57.0 ± 0.5mm, Max roll diameter: 55mm (approx. length: 33 metres) Accepts paper rolls with or without a core
Print Width	48mm
Dots Per Line (Graphics)	384
Dot Spacing	8 dots/mm (vertical and horizontal)
Sensors	Paper Out (Optp reflective) and Head Up (Mechanical)
Data Buffer	20 Kb
Power Supply	9VDC to 36 VDC continuous (intergrated over-voltage protection). As standard the thermal printer is supplied with a moulded 6-core cable for both serial (RS232) and direct input voltage combined.
Input Power	25 Watts Average (Typical while printing), 70 Watts (short term Peak)
Remote Shutdown	Apply > 2V to shutdown pin to wake—Force Awake option available
Baud Rate	Up to 57,600 (9600 Default)
Character Set	IBM 224 character set, CP437
Number of Columns	12, 16, 21, 24, 42, 32 (Default)
Font (Dots)	7 x 24, 10 x 24 (Default)
Dimensions	65 x 95 x 128mm (H x W x L)
Weight	Approx. 340g (including full roll of paper)
Windows Driver	Win98, WinME, WinNT, Win2k, WinXP, Vista and 7 (32 bit)
Temperature Range	0 – 50°C

Options

ICS.918.11	**NAVTEX Printer AP1310 12/24V RS232 w/ Cable NAV6/7/SmartFind**
ICS.918.12	**NAVTEX Printer AP1310 12/24V RS232 Flying lead bare end**

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