

With an excellent worldwide track record as robust and reliable thermal recorders, Coda Octopus printers are in used in a wide range of applications from Military ASW to geophysical and hydrographic survey.

The Octopus 200+ 20 inch thermal printer shares its core design with the successful 120+ thermal printer. Producing high quality continuous images onto thermal paper or film, it is up to five times faster than other models and is ideal for hardcopy output of military or geophysical data.



simple-to-use control panel

With a wide range of interface options including Ethernet, USB and parallel (Centronics) and compatible with most PC based acquisition systems, the Octopus 200+ is easily interfaced with commonly used data sources. A unique three channel analogue input capability has fully independent channel settings, enabling simultaneous display of geophysical data such as seismic and sidescan. Print resolution of 200 dpi at up to 256 grey levels, with a print width of 4096 pixels means that data can be printed at very high resolutions. With greater print width than many other similar models, the Octopus 200+ is able to print three channels without compromising resolution.

Fully interchangeable with the original Octopus 200 printer, a selection of upgrade or trade-in options is available to current owners.

Features

- Menu driven user interface
- 20" print width
- Ethernet, USB and parallel interfaces
- 3 channel analogue input - fully independent and easily configured
- 200 dpi print resolution
- Up to 256 grey-shades
- Fully interchangeable with original Octopus 200 printer

Benefits

- Sidescan and seismic data printed together
- Wider print widths for maximum resolution
- Compatible with most systems including analogue interfaces

Applications

- Sidescan sonar
- Seismic data
- LOFAR-grams
- ASW



Technical Specification

200+ Thermal Printer

PRINT QUALITY

Print width	20.157" (512 mm), 4096 pixels
Print resolution	200 dpi
Line spacing	25,33,50,75,100,150,200 lines/inch
Greyscales	16 to 256
Print speed	Up to 64 lines/second

INPUTS AND INTERFACES

Digital	Ethernet, USB, Centronics (parallel) other legacy interface options by special order. Protocols fully backward compatible with original Octopus 200 printer
Analogue (Optional)	Three independent analogue channels on BNC connectors with separate trigger inputs and outputs Sensitivity: 10mV to 10V Polarity: +, - or bipolar Input protection: 100V Trigger input: 0.5V to 10V
Annotation	Text annotation over analogue data via RS232 interface

ENVIRONMENTAL

Operating temperature	0°C to +50°C
Storage temperature	-20°C to +60°C
EMC	In accordance with CE

MEDIA

Thermal Paper	525mm (20.66") x 100m long, up to 19dB dynamic range
Thermal film	525mm (20.66") x 75m long, up to 23dB dynamic range

PHYSICAL

Dimensions H x W x D	660mm x 520mm x 225mm 26" x 20.5" x 8.55"
Weight	28kg (62 lbs)
Power	90 to 264 Vac, 2.5A 47 to 63 Hz

CONTROLS AND INDICATORS

Keypad	Main functions on hot-keys with full control and set-up via a simple menu-driven user interface. <ul style="list-style-type: none">• Dedicated hot-keys for online, take-up, paper advance, test pattern, input select, event marking;• Navigation keys for selection of all other functions from a simple menu:• Serial port baud rate and related settings• Ethernet IP address selection (DHCP or fixed IP)• Analogue setup; 1, 2 or 3 channel operation with independent channels settings (sweep time; delay time; data sensitivity; data polarity; contrast; sweep direction; trigger sensitivity; internal/external trigger)• Time and date All settings are saved to memory; settings can be transferred to other printers via memory stick
Display	Built-in LCD display for status, settings and error messages
Indicators	LED indicators for power, online, data and error
Remote control	Extensive remote control capability using commands over digital interfaces
Updates	In-the-field software updates via USB interface

OPTIONS

Roller - silicone	Alternative drive roller manufactured with silicone compound for high temperature environments (Roller stable up to 200C)
Compass ruler	Sliding polycarbonate ruler with markings for compass points 180-0-180 degrees
Mounting plate	Heavy-duty base plate with 4 x M8 fixing points to allow wall mounting of the printer
Analogue interface	As defined above, in addition to standard digital interfaces

Due to continuous product development, we reserve the right to alter the specification without notice. Issue 4 (07.15)

