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Panel mount printer
Ap1400 Series
The latest in compact printing connectivity



The Ap1400 carries CE approval
Design registration applied for.
Patent pending.

Featuring a unique touch activated loading system.

Typical applications include:

OEM
Healthcare
Test and Measurement
Data logging
PoS
Kiosk
In vehicle

SLEEK AND ROBUST

- Print instantly and securely using the latest NFC technology
- High performance thermal printer mechanisms ensure fast, reliable printing even at peak times
- 12m of print per paper roll reducing paper changes and minimising maintenance for operational efficiencies
- Reliable long life expectancy with MCBF of 3,500 paper rolls
- Easily print from smart devices for a truly connected business
- Robust yet stylish design that is suitable for vertical or horizontal mounting with a choice of mounting methods

YOUR LOCAL DISTRIBUTER:

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(Design, Sales, Technical Support and Repairs)

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Specification	Ap1400	Ap1400V
Power Supply	4.5Vdc to 8.5Vdc at 2A typical, 6A peak	9Vdc to 36Vdc. 2A typical, 5A peak (at 12V)
Dimensions	80 x 83 x 52mm (H x W x D)	80 x 83 x 67mm (H x W x D)
Panel Cut Dimensions	75 x 75 mm (W x D)	75 x 75 mm (W x D)
Depth Behind Panel	31mm Maximum	44mm Maximum
Weight (without paper)	107g	136g
Print Method	Fixed head thermal mechanism	
Print Speed	Up to 80mm/s	
Paper Specification	Paper Roll Width: 57.0 ± 0.5mm. Max roll diameter: 36mm (approx. length: 12 metres). Accepts paper rolls with or without a core. Thermal paper roll - A05836TPRI	
Print Width	48 mm	
Dots Per Line (Graphics)	384	
Dot Spacing	8 dots/mm (vertical and horizontal)	
Sensors	Paper Out (Opto-reflective). (Mechanical head up optional)	
Data Buffer	10 KB (10240 Bytes)	
Baud Rate	Up to 115,200 Baud (9600 Default)	
Data Input	USB 2.0 Full-speed, RS-232 Serial	
Character Set	IBM® 224 character set, CP437. (See note 1)	
Number Of Columns	12, 16, 21, 24, 42, 32 (Default). (See note 1)	
Font (Dots)	8 x 16, 7 x 24, 10 x 24 (Default). (See note 1)	
Add-on Modules	Ap1400TTL: Module with Serial TTL and USB2,0 Interfaces Ap1400P: Module with Centronics Parallel Interface Ap1400RTC: Module with Real-Time Clock Module For more information contact us at support@able-systems.com	
Support Software	Win98, WinME, WinNT, Win2k, WinXP, Win Vista, Windows 7 (32-bit), Windows 7 (64-bit), Windows 8 (32-bit), Windows 8 (64-bit), Windows CE, Windows mobile, Linux and Blackberry. Download: www.able-systems.com	
Operating Temperature	0 - 50°C	
Reliability - MCBF	10^8 print pulses or 50kms. >13 million print lines (Approx. 3,500 paper rolls).	

Note 1: The proprietary Font Editor Utility software (order code Ap1400FEU) enables customisation of character fonts by the user.

Kits

All items available individually or as part of the below kits

	Ap1400 Printer	Ap1400 V Printer	Mounting Bracket	RS232 Cable	RS232 D9 Cable	USB Cable	2 Paper Rolls	Power Connection Cable	Universal Power Supply Adapter
Ap1400KIT	✔		✔	✔	✔	✔	✔	✔	
Ap1400KITPSA	✔		✔	✔	✔	✔	✔	✔	✔
Ap1400VKIT		✔	✔	✔	✔	✔	✔	✔	

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Specifications subject to change without notice. Ap1400/052015/V1

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