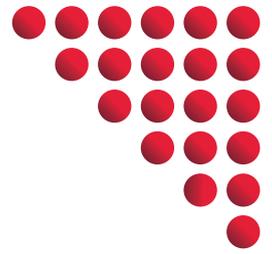


## Panel mount printer Ap1400 Series

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
- Approx 13m of print per paper roll reducing paper changes and minimising maintenance for operational efficiencies
- Reliable long life expectancy with MCBF in excess 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 DISTRIBUTOR:



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(Design, Sales, Technical Support  
and Repairs)

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### Visit:

[www.able-systems.com](http://www.able-systems.com)



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 51mm (H x W x D)	80 x 83 x 57mm (H x W x D)
Panel Cut Dimensions	75 x 75mm (W x D)	75 x 75mm (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: 13 metres). Accepts paper rolls with or without a core. Thermal paper roll - A05836TPR1	
Print Width	48mm	
Dots Per Line (Graphics)	384	
Dot Spacing	8 dots/mm (vertical and horizontal)	
Sensors	Paper Out (Opto-reflective)	
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 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 mobile, Linux and Blackberry. Download: www.able-systems.com	
Operating Temperature	0 - 50°C	
Reliability - MCBF	10 <sup>9</sup> print pulses or 50kms. >13 million print lines (in excess of 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		✓	✓	✓	✓	✓	✓	✓	