DCR™ M4

Entirely New. Completely Redefined.™

- Red Dot Design Award Winner
- POS Terminal with Groundbreaking All-in-One Design
- 3" Fast Printer, Card Reader, and Customer Display Integrated.
- Breakthrough Performance
- 8" Wide Display with PCAP Touch
- Pre-Installed POS Application for Restaurants
- Supercompact. Small Footprint. Fresh and Modern Look
- Budget-Friendly Solution

reddot award 2017
winner

Features & Benefits

Groundbreaking All-in-One Design
- 8" Wide Touchscreen Display
- Printer, Card Reader, Customer Display Integrated

Breakthrough Performance
- Real Time OS & ARM® Cortex® M4 Technology
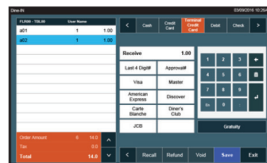- Simplified Functions Yet Impressive Performance

Supercompact Size
- Compact Body for More Counter Space
- Footprint Smaller Than a Piece of Paper

Multiple Peripheral Devices
- Use of Existing or Addition of New Peripherals
- Cash Drawer, Barcode Scanner, PIN Pad, etc.

Pre-installed Software for Restaurants
- Real Out-of-the-Box POS Solution
- Suitable for Table and Quick Service Restaurants

Budget-Friendly POS Solution
- Lean and Simple Structure
- Lowest Initial Cost and Total Cost of Ownership

POSBANK®

Specifications

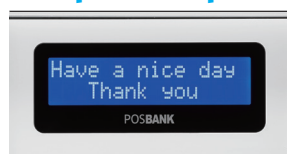| General Specifications	Model : M4
System	
Processor	ST STM32F429BIT6 Cortex-M4 (256byte Cache, 180MHz)
Memory	SDRAM 64MB
Storage	eMMC 4GB (Max. 32GB)
OS	embOS (RTOS)
Software	POPs Restaurant™ (Pre-installed)
Printer	3" Jam Free Thermal, Max.200mm/s, Auto Cutter, Built-in Type
Display	
Type	8" Wide TFT LCD, LED Backlight
Resolution	800 x 480
Brightness	250cd/m²
Touchscreen	Projective Capacitive Touch
Interface	
USB	2 (Rear 2, USB 2.0 x 1, USB 1.1 x 1, USB HOST ONLY)
Serial	COM 1, COM2
LAN	100 Base-T
Cash Drawer Port	1
Power DC-IN	1 x (3 Pin Connector)
Power	
Power Supply	Adaptor 24V, 2A

Physical & Environmental	
Operating Temperature	0°C ~ 60°C at 10% ~ 90% Humidity
Storage Temperature	-20°C ~ 80°C at 10% ~ 90% Humidity
Dimensions (W x H x D)	216 x 278.9 x 255.3(mm), 8.5 x 10.9 x 10.1(in)
Packing Dimensions (W x H x D)	360 x 345 x 295(mm), 14.2 x 13.6 x 11.6(in)
Net Weight	3,000g
Packing Weight	4,200g
Certification	CE, FCC, KC
Color	Glossy White, Glossy Black
Options & Peripherals	
Customer Display	VFD 20 Columns x 2 Lines, LCD 16 Columns x 2 Lines (Factory Option)
Magnetic Stripe Reader	Comply with ISO 7811, Support 1 & 2 & 3 Track (Factory Option)
Smart Card Reader	EMV Level 1, 2 (Factory Option)
SD Card Reader	Yes
WiFi	SPI Interface for WLAN (Factory Option)

* Specifications may change without prior notice.

* Software development kit available.

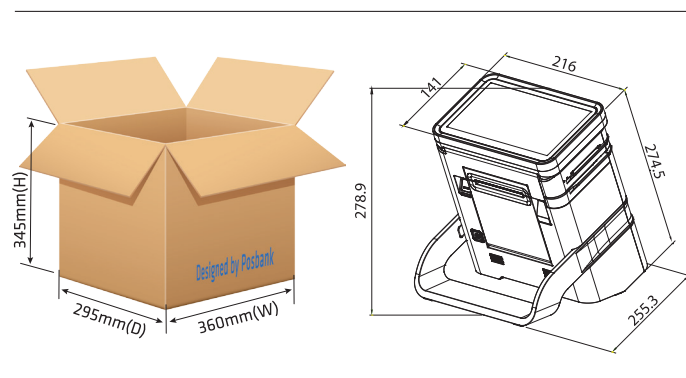# Peripheral Options

Customer Display
• VFD & LCD

MSR
• ISO 7811, Track 1 & 2 & 3

SCR
• EMV Level 1 & 2

POS Printers
• A7, A11

Dimension View

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