

OPTIC 12

Fast, Secure, Open, Modular, Interactive Touch Screen...
Payment at its best.



Engage customers at the pump without the compromise

NCR OPTIC 12 pay-at-pump terminal offers unmatched value and flexibility while delivering consistent, engaging consumer experiences unique to your business. NCR OPTIC 12 is a modular, self-service solution that comes EMV ready standard with 12in touch screen, contactless reader (including mobile phones), 2D barcode scanner and mag stripe reader. OPTIC 12 has been thoughtfully engineered to provide effortless retrofit options for most brands of pump.

With an unprecedented open platform, NCR OPTIC 12 enables retailers to gain flexibility in developing their own unique applications to engage with their consumers like never before.

For more information,
visit www.ncr.com, or email sales.pcr@ncr.com.



Why NCR?

NCR Corporation (NYSE: NCR) is the global leader in consumer transaction technologies, turning everyday interactions with businesses into exceptional experiences. With its software, hardware, and portfolio of services, NCR enables more than 550 million transactions daily across retail, financial, travel, hospitality, telecom and technology, and small business. NCR solutions run the everyday transactions that make your life easier.

NCR is headquartered in Duluth, Georgia with over 30,000 employees and does business in 180 countries. NCR is a trademark of NCR Corporation in the United States and other countries. The company encourages investors to visit its web site which is updated regularly with financial and other important information about NCR.

Key features

- Full color 12" touch screen
- EMV ready: standard chip card and contactless readers
- 2D barcode scanner
- Optional printer, accepting standard POS receipt paper
- Optional ADA Keypad
- API for third party app development (retailer, NCR, or a third party development)
- Wide range of pump retrofit options
- Available cloud-based terminal and media management

Key Benefits:

- Capitalize on your EMV investment
- Be ready for contactless cards and mobile wallet adoption
- Bring the benefits of touch to the forecourt
- Drive branding and promotions with larger screens and rich interactive media environments
- Take control by creating custom applications
- Keep customers engaged with real-time content and promotions
- Maximize uptime with remote management tools
- Own the consumer experience regardless of dispenser model

Technical specifications

SECURITY & COMPLIANCE

- PCI-PTS 4.1 with P2PE
- UL Class 1 Div 2 - FCC - Common Criteria (UK) - CE (EU)
- EMV Level 1 and 2 Contact
- EMV Level 1 and 2 Contactless
- Support for major contactless schemes (card/NFC)

DISPLAY

- Full color industrial touch screen with 8 addressable function keys
- 12.1" screen sizes available
- Video: MP4 - h.264 - up to 30fps - PIP support

CARD READER

- Hybrid 3-track MSR + EMV chip - IPx4 rating

KEYPAD

- 15 durable backlit keys - IP65 rating

CONTACTLESS READER

- EMV - NFC - ISO14443 A&B - ISO18092 capable

OPTIONAL MODULES

- Thermal printer

SCANNER

- Barcode reader (UPC, EAN, or QR) 1D and 2D imaging

PERIPHERAL CONNECTIVITY

- EMV - NFC - ISO14443 A&B - ISO18092 capable

PROCESSORS

- 2x 32-bit security processors, 2x dedicated security watchdogs
- 1x 32-bit high performance dual-core application processor

APPLICATION MEMORY

- Up to 8GB Flash + 2GB SDRAM

OPERATING TEMPERATURE

- -13F to 158F

NCR continually improves products as new technologies and components become available. NCR, therefore, reserves the right to change specifications without prior notice.

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