

OPTIC 5

All-in-one customer experience transformer

Bring your store to the pump, one transaction at a time.

NCR OPTIC 5 stands apart from the rest, providing an amazing array of features at a remarkable price. Transforming the customer experience at the pump, the OPT supports a wide range of EMV ready payment options including debit, credit, contactless, loyalty, vouchers and coupons. Carefully sized, OPTIC 5 is small enough to fit in most standard pump heads or pedestals, yet large enough to house a large graphical screen to display an easy to follow user interface, promotional advertising, custom branding and in-store shopping options.

- Significantly reduce your capital outlay
- Present a consistent customer experience across all sites
- Shorten the payment process to help alleviate forecourt congestion
- Offer payment flexibility to your customers
- Future-proof the forecourt for tap and go and smartphone payments
- Protect your customers against fraudulent attacks
- Capitalize on the opportunity to connect with and upsell to your customers while they fuel



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

- Low-cost EMV solution
- API for third party app development (retailer, NCR, or a third party development)
- Small footprint, flexible mounting options
- EMV Ready: standard chip card and contactless readers
- 2D barcode scanner
- Latest in payment security certifications
- Full VGA color and multimedia display
- Integrated thermal printer and paper cutter
- Designed specifically for use on fuel forecourts
- Available cloud-based terminal and media management

Technical specifications

APPLICATION PROCESSOR

- ARM9 400MHz

MEMORY (RAM/FLASH)

- 128Mbytes / 128Mbytes

SECURE PROCESSOR

- MIPS32 96 MHz

SECURE PIN PAD

- 15 keys, backlit and durable

SOFT FUNCTION KEYS

- 4 keys, backlit and durable

GRAPHIC DISPLAY

- TFT multimedia – Full VGA

SOUND

- Full Audio
- Internal speaker or audio jack for external speaker option

CARD READER

- Secure manual hybrid card reader (EMV card and triple track MSR)

CONTACTLESS READER

- Integrated (optional)
- ISO14443 A/B & Mifare, EMV

SCANNER

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

SAM SLOTS

- 4

PRINTER

- Thermal
- Integrated Paper Cutter
- Speed = 60mm/s
- Paper width = 57mm

OPERATING TEMPERATURE

- -4F to 140F

POWER SUPPLY

- 18V DC

PERIPHERAL PORTS

- Ethernet
- RS232
- Audio Jack
- USB Host (Supported Drivers Required)

HUMIDITY

- 15 – 95% non-condensing

WATER/DUST PROTECTION (PIN PAD, SCREEN)

- IP65

WATER/DUST PROTECTION (CARD READER, PRINTER)

- IP24

SHOCK RESISTANCE

- 20g, 11ms, 50,000 cycles per axis

VIBRATION

- IEC 60945 § 8.7

CHEMICAL RESISTANCE

- Fully tested against petrochemical products (reference SAE J1681 Fuel C)

UV RESISTANT

- Yes

SECURITY

- Common Criteria (UK)
- PCI POI Version 3.0 (Master/Session, DUKPT, Online & Offline)
- EMV Level 1 and 2
- Sophisticated tamper detection

SIZE

- 9.45in (w) x 8.46in (h) x 6.3in (d)

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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