

# NCR OPTIC 12

Future-facing engagement and payment security for your forecourt

NCR OPTIC 12 is a pay-at-the pump terminal that provides rich and engaging customer experiences at the forecourt. By delivering personalized content to drive gas-only customers into the store, retailers can boost in-store sales and grow brand loyalty.

The big and bright 12.1" duraTOUCH® touchscreen provides a stunning display for interactive content that connects with customers as they're fueling—such as ordering foodservice items, promotional videos, loyalty discounts, and integrations to 3<sup>rd</sup> party services that speak to your customer base. A wide variety of payment methods are supported, including contact and contactless EMV and NCR Mobile Payments.

The cloud-based architecture behind OPTIC 12 makes system maintenance easy. Whether it's software patches, security updates, deploying new media content, or pulling diagnostic reports—it can all be done remotely, from a single site to all pumps. NCR offers retrofit kits for existing fuel dispensers, so no matter how many different models you maintain, you can upgrade to NCR OPTIC to deliver a unified customer experience across every pump. The flexible architecture allows you to add new features and services over time, so that your forecourt investment will be future-proofed for the long haul.

- A complete solution with hardware, software, services and open platform
- Leverage your investment in outdoor EMV compliance to elevate the customer experience in the forecourt
- Control the 100% of of the content at every pump to build brand equity
- Retrofit kits for major pump brands and simple do-it-yourself installation and maintenance
- A deep catalog of retail APIs, including integration to foodservice orders and loyalty system



- Integration with NCR Mobile Payments that allows customers to unlock pumps and charge their stored payment method using an app on their smartphones
- P2PE data encryption from point of payment capture through to payment processing for industry-leading security.

For more information, visit [ncr.com](https://www.ncr.com), or email [sales.pcr@ncr.com](mailto:sales.pcr@ncr.com).



## Key features

- Full-color 12.1" DuraTouch® touch screen
- Contact and contactless EMV, magstripe and mobile payments
- Latest in payment security certifications, including P2PE encryption
- Complete 24/7 content control at every pump
- Accepts credit, debit, loyalty and fleet cards
- Grab-and-go food ordering at the pump
- Cloud-based terminal and media management
- Wide range of pump retrofit options
- Loyalty integration for personalized welcome and in-store coupons
- Optional printer, ADA keyboard and 2D barcode scanner

## Key Benefits

- Leverage your outdoor EMV investment to transform the forecourt
- Be ready for contactless cards and mobile wallet adoption
- Drive branding and promotions with larger screens and rich interactive media environments
- Keep customers engaged with localized playlists and merchandising
- Maximize uptime with remote management tools
- Own the consumer experience regardless of dispenser model

## Technical specifications

### Security & compliance

- PCI-PTS PCI-PTS 4.1
- UL Class 1 Div 2 - FCC - Common Criteria (UK) - CE (EU)
- EMV Level 1 and 2 Contact
- L1 and L2 contactless certs approved
- L3 contactless EMV cert with First Data, other certs pending by network
- Support for major contactless schemes (card/NFC)

### Display

- 12.1" full-color industrial touch screen
- 8 addressable function keys
- Video: HD webm, 30 FPS

### 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

- 8GB Flash + 2GB SDRAM

### Operating temperature

- -13F to 158F
- Heaters available

## Why NCR?

NCR is a leading technology company that brings unexpected value to every interaction between consumers and businesses. The **#1 global C-store POS software and #1 self-checkout provider**, we provide software, hardware and services that run the pump, kitchen and store.

Leading with digital, we help CFR retailers differentiate and compete by connecting every touchpoint into the frictionless, "always on" experience consumers want today, while enabling tomorrow's innovations. From mobile payments to 1:1 marketing at the pump, to back office to kitchen production and beyond, we help retailers bridge their digital and physical operations, transforming everyday transactions into meaningful interactions.

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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