

# NCR 2X20 Customer Display

A bright, good-looking display that improves your customer's checkout experience

## NCR's 2x20 Customer Display helps you connect by providing essential transaction information to your shoppers in real time

Increase shopper satisfaction by providing the real-time checkout information they want. Item descriptions, prices, weights & measures data, and even promotional messages appear clearly with no fuss.

### Advanced technology

The NCR 2x20 Customer Display features advanced black nematic LCD technology to create crisp, white high-bright characters on a true black background. Text is clear and very easy to read even from difficult angles or lighting conditions. This exceptional display even puts LED backlight technology to work, reducing power consumption to cut energy costs while simultaneously extending reliability to keep your lanes up and running longer.

### Created with success in mind

Designed to grow with your business, this display serves small independent retailers or large global businesses equally well. International weights & measures certifications and multi-language character support give you the flexibility to expand into new markets: Beyond the default International, Cyrillic and Katakana character sets, its 2Mbit of flash memory supports up to 17 additional downloadable code pages to address an even wider variety of languages.

NCR further minimizes your ongoing support costs with simplified application integration support for both POS and JavaPOS standards.

### Flexible for any environment

The NCR 2x20 Customer Display is available in black or white\* to best complement your store's décor. A POS integration tray is available, as well as kits for attachment to checkstand fixtures or pedestal mounts with multiple pole heights.

The display supports USB and serial connections, including USB or RS-232 12V power from the POS terminal or from an optional external power supply.

With support for multiple character sets, USB and serial I/O connections and several cabling and mounting options, this flexible character display may provide the perfect complement to your checkout.

### Designed tough for retail

The 2x20 Customer Display's sealed zero-bezel flat screen display resists dust and liquids, and its industrial-grade LCD is specified to 120K hours minimum backlight life at 40% rated luminance.

As with all our POS products, this display had to prove itself. NCR's demanding environmental and compatibility testing, along with exacting manufacturing standards, helps to ensure that your displays will provide years of dependable operation across your entire estate.



To speak with someone or for more information, visit us at [ncr.com](http://ncr.com) or email [retail@ncr.com](mailto:retail@ncr.com).

## Key features

- Bright, easy to read white-on-black display
- Flexible mounting and pole-height options
- USB and RS-232/serial interface support
- Choice of black or white\* color
- Loadable character sets
- Weights & measures compliant

## Technical specifications

### Display panel

- Passive matrix LCD with black nematic technology
- 2 rows with 20 alphanumeric characters per line
- Character matrix: 7x9 pixels
- Character height: minimum – 9.5mm; maximum – 10.5mm
- LED backlight: White; 120K hour minimum backlight life at 40% rated luminance (default)

### Connectivity

- USB and serial interface support
- Terminal-supplied 12V P-USB or 12V RS-232 power
- Optional external power supply

### Physical characteristics

- Dimensions – display head only:  
W: 6.77" (172mm); D: 1.18" (30mm); H: 2.76" (70.1mm)
- Table-top mount – pedestal base:  
6.0" (152.4mm) x 4.8" (121.9mm)
  - With 4" (101.6mm) pole:  
Total height of display and mount is 7.89" (200.4mm)
  - With 8" (203mm) pole:  
Total height of display and mount is 11.89" (302.0mm)
  - With 12" (304.8mm) pole:  
Total height of display and mount is 15.89" (403.6mm)
  - With 16" (406.4mm) pole:  
Total height of display and mount is 19.89" (505.2mm)

### Physical environment

- Operating ranges
  - Temperature: 41°F to 113°F (5°C to 45°C)
  - Temperature change: 18°F (10°C) / hour
  - Humidity range 10% to 90% (non-condensing)

### Character sets

- Support for up to 20 different character sets (total)
- Three (3) default character sets in base unit:
  - Code Page 858 (international)
  - Code Page 866 (Cyrillic)
  - Code Page 101 (Katakana)
- 2 Mbit flash memory supports up to 17 additional/optional character sets
- Downloadable character sets (all optional)
  - Code Page 437 (Original IBM PC)
  - Code Page 775 (Baltic)
  - Code Page 852 (Latin)
  - Code Page 853 (English)
  - Code Page 1252 (West European Latin)
  - To download other character sets, visit the NCR Website at [ncr.com](http://ncr.com)

### Colors

- NCR black: Global

\*NCR white: available in regions where NCR white terminals are offered

## Why NCR?

NCR Corporation (NYSE: NCR) is a leading software and services-led enterprise provider in the financial, retail, hospitality, small business and telecom and technology industries. We run key aspects of our clients' business so they can focus on what they do best.

NCR is headquartered in Atlanta, GA with 34,000 employees and solutions in 141 countries. NCR is a trademark of NCR Corporation in the United States and other countries.

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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