NCR Graphical Customer Display

The ultimate in flexibility with "All-Points-Addressable" technology

NCR's newest graphical display gives your shoppers multi-line transaction and promotional information—in multiple character sets

A 2x20 customer information display is great, but NCR's All-Points-Addressable ("APA") Graphical Display is even better, offering double the text lines and providing multiple fonts and sizes to enable special messages, promotions or account information along with the usual real-time transaction data. Superbly compact, this handsome display fits anywhere to complement your checkout.

Advanced technology

This advanced graphical display features vacuum fluorescent technology to create up to four lines of crisp and bright characters. The display's 256x64 pixels are managed by a quick 32-bit on-board controller, addressable in single-byte or double-byte characters up to 16x16 pixels each. Its new VFD backlight panel is rated at 1.7 million hours (!) with 700-nit luminance. But what's *really* important here is that your customers can see more information—and read it more easily than ever—on a compact checkout display.

Created with success in mind

Designed to grow with your business, this display serves small independent retailers or large global businesses equally well. International certifications and multi-language character support give you the flexibility to expand into new markets. Pre-loaded with ten single-byte character sets, the display also provides four additional double-byte code pages to handle Shift JIS Japanese, Korean and both traditional and simplified Chinese. NCR further minimizes your ongoing support costs with simplified application integration support for OPOS and JavaPOS standards.

Flexible for any environment

The NCR Graphical Customer Display is available in black to complement any 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 —all featuring a zero-clutter look with hidden cables. USB and serial connections are both supported, including 12V P-USB or RS-232 power from the POS terminal or from an optional external power supply.

Designed tough for retail

Featuring a zero-bezel flat screen, the display's scratch-resistant lens is sealed against dust and liquids. The industrial-grade cabinet is UV-stable and commerce-hardened, built to withstand impact and vibration. As with all NCR POS hardware, the Graphical 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 or email retail@ncr.com.

Key features

- Up to four bright and easy-to-read text lines
- Flexible mounting and pole-height options
- USB and RS-232/serial interface support
- Ten 5x7 / 8x16 character sets, plus four 16x16 double-byte character sets
- All-Points-Addressable graphical screen provides ultimate flexibility in a compact display

Technical specifications

Display panel
- Vacuum fluorescent (VFD) backlight technology
- Up to four (4) rows of alphanumeric characters
- Character matrix: 7x9 or 8x16 pixels (single-byte) or 16x16 pixels (double-byte); .325mm x .325mm pitch
- Display area: W: 3.27" (83mm); H: 0.81" (20.6mm)
- VFD backlight: 1.7 million-hour backlight life at 50% rated luminance (default)

Connectivity
- USB 2.0 HID and serial interface support
- Terminal-supplied 12V P-USB or 12V RS-232 power over 16-pin unified connector with custom cables (up to 4m)
- Optional external power supply and cable (+12 VDC)

Physical characteristics
- Dimensions – display head only:
  W: 6.77" (172mm); D: 1.18" (30mm); H: 2.76" (70.1mm)
- Table-top mount – pedestal base:
  W: 6.0" (152.4mm) x D: 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: 32°F to 185°F (0°C to 85°C)
  – Humidity: 10% to 90% (non-condensing)

Character sets
- Provides 14 pre-loaded code pages
- Ten (10) single-byte 5x7 / 8x16 character sets
  – Code Page 101 (Japanese Katakana)
  – Code Page 437 (MS-DOS US)
  – Code Page 850 (Multilingual)
  – Code Page 852 (Latin 2)
  – Code Page 858 (international)
  – Code Page 860 (Portuguese)
  – Code Page 863 (French-Canada)
  – Code Page 865 (Nordic)
  – Code Page 866 (Cyrillic)
  – Code Page 1252 (Windows Latin)
- Four (4) double-byte 16x16 character sets
  – JIS (X0208 (Shift JIS)
  – KSC5601-87 (Korean)
  – GB2312-80 (Simplified Chinese)
  – Big-5 (Traditional Chinese)

Color
- NCR Black

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.