



NCR Voyix 7896 Bi-Optic Scanner/Scale

Redefine the checkout experience with enhanced speed and innovation

In an age of endless shopping choices, customers expect to gain in and out of stores quickly. Set a new standard for checkout convenience with the NCR Voyix 7896 Bi-Optic Scanner/Scale. This latest bi-optic scanner delivers faster checkout performance—with premium scanning speeds and ease of use to provide customers a swift and seamless experience. Innovative features include an optional color camera that enables computer vision applications and helps minimize shrink, so you can optimize your workforce and provide customers with convenient self-checkout options without hurting your bottom line.

Exceed expectations with faster-than-ever checkouts

With high swipe speeds and fields of view that are up to 100% larger than other scanners in its class, the 7896 makes it easy and intuitive no matter what items are being scanned. Superior performance on challenging barcodes with a megapixel sensor and PRZM Intelligent Imaging—users get improved scan performance for faster checkout and less frustration. Poorly printed, damaged, crinkled or faded barcodes won't slow down your checkouts. Offset illumination makes it even easier to scan reflective barcodes on customer phones and glossy packaging. The 7896 also offers support for a handheld scanner letting shoppers leave heavy and bulky items in their cart.

Innovative features at self-checkout drive higher ROI and reduce shrink

An optional HD color camera captures the smaller details, paving the way for new computer vision applications that enhance the customer experience and protect your bottom line. Produce recognition applications can help identify produce to streamline item selection for faster, easier checkouts. Loss prevention applications can identify suspicious transactions, making sure the proper barcode is scanned for an item. And the presence of live streaming video at self-checkout can discourage fraud. The Non-Decode Event alerts can report if an item passes by the field of view, but the barcode is not scanned—whether this is accidental or intentional.

To speak with someone or for more information, visit us at ncrvoyix.com.

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Optional support for electronic article surveillance (EAS) systems gives your customers a seamless shopping experience—a single swipe deactivates the EAS tag and captures item price. Interlock reduces the risk of “sweethearting” and other forms of shrink as the barcode must be scanned in order to deactivate the EAS tag. The “good decode” LED is visible from front and top views, making it easy for users and self-checkout attendants to confirm that a scan was completed. Overhead cameras can utilize the LED for loss prevention—tracking a successful scan for every item placed in the bagging area.

A smarter investment

With energy bills among the largest in-store operating expenses, it's critical to make your store as energy efficient as possible. Our Intelligent Illumination system activates the LED lights only when merchandise is in the scan zone. The result? The 7896 uses up to 50% less power than other bi-optic scanners. The scanner is designed with over 50% fewer interconnects and PCBs than other multi-plane scanners—resulting in fewer failure points and fewer part repairs and fewer things to go wrong. Its solid state technology minimizes wear and tear to further lower breakdown and repair cost. The 7896 reduces complexity, increases reliability and is easy to service. And with Remote diagnostics, you can remotely monitor the status of illumination, sensors, cameras, scales and more without having to travel on site. This hardware drops right into existing cash wrap, providing a cost-effective path to the latest POS technology.

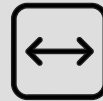
What's new?

As NCR Voyix's next generation bi-optic scanner/scale, the NCR Voyix 7896 offers key advancements over the 7895, including:



Future-ready with better performance on 2D barcodes

New hardware and software advancements deliver significantly better 2D performance to help ready checkouts for the rise of information-rich 2D barcodes



Larger fields of view

Faster, easier scanning for both cashiers and self-checkout users; less need to position items to capture the barcode



Better performance on mobile barcodes

Offset illumination reduces reflections that can blind the scanner; better performance on reflective barcodes on mobile phones, glass bottles and cellophane packaging



Technical specifications

PHYSICAL CHARACTERISTICS

Full size scanner/scale & scanner only

- 20"L x 11.5"W x 4.0"D x 5.0"H
(mm: 506L x 292W x 101D x 128H)
- 17.85 lb scanner/scale; 13.1 lb scanner only
(8.1 kg scanner/scale; 5.94 kg scanner only)

Mid-size scanner/scale & scanner only

- 15.7"L x 11.5"W x 4.0"D x 5.0"H
(mm: 398L x 292W x 101D x 128H)
- 15.95 lb scanner/scale; 11.2 lb scanner only
(7.2 kg scanner/scale; 5.1 kg scanner only)

Compact scanner only

- 13.9"L x 11.5"W x 4.0"D x 5.0"H
(mm: 351L x 292W x 101D x 128H)
- 11.55 (5.22 kg) scanner only

Scale

- 0-30 lb x 0.01 lb increments (0-15 kg x 5 g)
- Maximum Static Weight: 300 lb (136 kg)
- Single or dual-cable protocols supported
- Compatible with Mettler price computational scales
- Pole Weight Display: Single or Dual Head

Ports

- POS Port: 1 x shared for USB/RS-232/RS-485 (IBM)
- Peripheral Ports: 3 x USB; 2 x Powered RS-232
- Checkpoint Interlock Port
- Remote Scale Display Port

Power

- 12VDC from POS interface cable (USB PlusPower)
- Power supply: 90-264 V (110-240 nominal), 47-63Hz (50-60 nominal)
- Consumption: Idle 2.0W / Active 2.75W

Camera

- HD Camera with industry standard USB 3 Type-C interface
- Graphic Format: Bitmap, JPEG, RAW
- White LED illumination

Electronic article surveillance

- Sensormatic
- Checkpoint EAS interlock via optional cable

Barcode symbol decode capabilities

- **1D Decode:** All major 1D barcodes including Code 39, Code 128, Code 93, Codabar/NW7, Code 11, MSI Plessey, UPC/EAN, I 2 of 5, Korean 3 of 5, GS1 DataBar, Base 32 (Italian Pharma)
- **2D Decode:** All major 2D barcodes including PDF417, Micro PDF417, Composite Codes, TLC-39, Aztec, DataMatrix, MaxiCode, QR Code, Micro QR, Han Xin, Postal Codes, SecurPharm and future GS1 Digital Link barcodes
- **Digimarc**

Utilities & management

- NCR Voyix PSW & NCR Voyix PSL
- 123Scan: Scanner set up and parameters, firmware management, displays scanned barcode data, scanning statistics, battery health, asset data and prints reports.
- Remote management tool

User environment

- Operating Temperature: 32.0° to 104.0° F / 0.0° to 40.0° C
- Storage Temperature: -40.0° to 158.0° F / -40.0° to 70.0° C
- Humidity: 20-95% relative humidity, non-condensing

Imager

- CMOS Array Imager
- Intelligent Illumination
- Scan Zone: Reads linear and 2D codes in all planes

Why NCR Voyix?

NCR Voyix Corporation (NYSE: VYX) is a leading global provider of digital commerce solutions for the retail and restaurant industries. NCR Voyix transforms retail stores and restaurant systems with comprehensive, platform-led SaaS and services capabilities. NCR Voyix is headquartered in Atlanta, Georgia, with customers in more than 35 countries across the globe.