CyberBadge®

Videx®

Fully Customizable Barcode Scanner and RFID Reader

The CyberBadge handheld barcode and RFID scanner is a user-friendly, versatile data collection device. Optimized for speed and efficiency, a streamlined interface allows users to grab a CyberBadge and immediately go to work reading barcodes and RFID tags. The simplicity of the CyberBadge's 'point-and-scan' multi-use application provides immediate functionality without requiring extensive configuration or employee training.

Videx offers powerful development tools for the CyberBadge that enable rapid implementation of customized applications. Custom CyberBadge applications can be tailored to execute the essential tasks in nearly any operation while preserving the intuitive, streamlined user experience.

Developers can create turnkey or build-to-order CyberBadge applications with a flexible SDK built on JavaScript. For the ultimate convenience, Videx has developed a web-based application builder that enables the creation of custom CyberBadge applications using an intuitive, diagram driven environment that doesn't require programming or JavaScript expertise.

Usability
Grab and go with CyberBadge's intuitive multi-use scan application that is easy to use and quick to deploy.

Adaptability
Make use of the robust SDK or the visual application builder to unlock a fully customizable scanner, or simply deploy the CyberBadge with the multi-use application and begin scanning!

Flexibility
Install CyberBadge where you need it, from a single desktop solution to a globally hosted solution in a web-application environment, CyberBadge can be integrated seamlessly to complement your system.

Durability
Designed and manufactured in the U.S.A. with high-impact, fiberglass-reinforced plastic and a compact form factor to provide durability and practicality in nearly any environment.

Specifications

CyberBadge

Weight	3 oz. (84.05 g) with batteries
Dimensions	3.8" x .82" x 2.2" (96.52 mm L x 20.93 mm W x 55.88 mm)
Memory	4GB to 32GB microSD (internal)
CPU	32 bit
Display	2.4 in. Color 1/4 VGA display, touch, 240 x 320 portrait
Touch Panel	Analog resistive touch
Backlight	LED backlight
RFID Reader	13 MHz cards
Motion Sensor	3-axis accelerometer that enables motion sensing applications for dynamic screen orientation and power management
Battery	Lithium ion polymer
Battery Standby Time	240 hours (user profile dependent)
Communication Interface	WiFi 2.4 GHz
Notification	Vibration
Audio Jack	Voice Recording and Playback, mp3 files

2D Imager Engine (MD13100)

Data Types	1D, 2D, QR, and micro QR codes
Focal Distance	65 to 250 mm symbologies dependent
Sensor Resolution	752 x 480 pixels
Field of View	Horizontal 40°; vertical 23°
Optical Resolution	752 x 480 pixels (grey scale)
Roll Tolerance	360° Tilt
Pitch Tolerance	$\pm$ 50° from normal
Skew Tolerance	$\pm$ 50° From normal
Ambient Light (from total darkness)	Ambient light immunity: fluorescent 10,000 LX max, direct sun 100,000 LX max, incandescent 10,000 LX max
Range on 100% UPCA	Range on Code 39 1.0" 100 mm
Aiming Element (VLD)	LED
Illumination Element (LED)	Illumination LEDs
Field of View	Same as above