

# VERSASCAN™

Long Range CCD Scanner  
For Bar Codes



## Scans and decodes bar codes.

ID TECH's VersaScan CCD Scanner is specially designed to deliver high-end performance. The scanner utilizes exceptional decoding technology. One-time settings are easily made by scanning set-up bar codes in the handy Quick Start manual.

## Programmable for specialized usage.

Not only does the VersaScan read and decode all popular bar code symbologies, it can also format the scanned data to meet the user's needs. Bar code symbologies are individually selectable, as are reading mode, beep tone, preamble/postamble, and code ID.

## Ergonomic and lightweight.

This rugged scanner contains no moving parts. It is exceptionally lightweight and designed to fit comfortably in the hand for extended periods of use. The cable is detachable for easy replacement or to change interfaces.

## High-speed long range scanning.

The VersaScan enables quick contact scanning of bar codes up to 3.5 inches in length. At a scan rate of 230 scans per second, low-quality or damaged bar codes, as well as small or high-density bar codes, can be read with exceptional speed and accuracy.

# IDT 42X1 VERSASCAN Long Range CCD Specifications

## Electrical

Light Source:	660 nm visible red LED with focus light bar.
Sensor:	2088 pixels CCD arrays.
Interfaces:	RS-232, Keyboard Wedge, and USB (Keyboard).
Operating Power:	+5 VDC $\pm$ 5%.
Power Consumption:	190 mA operating; 70 mA standby.

## Environmental

Operating Temperature:	32° F to 122° F (0° C to 50° C).
Storage Temperature:	14° F to 158° F (10° C to 70° C).
Relative Humidity:	20 to 70%, non-condensing.
Drop Test:	5 feet (1.5m) to a hard surface.

## Mechanical

Field Width:	5.3 inches (135 mm).
Depth of Field:	30-70 mm on 5 mil (Code 39).
Resolution:	0.127 mm (5 mil).
PCS:	0.45 minimum.
Scan Rate:	230 scans per second.
Range:	1 to 9.8 inches (25 to 250 mm) based on resolution.
Symbologies:	Code 39, UPC-A, UPC-E, Code 128, EAN-13/8, EAN 128, Interleaved 2 of 5, Codabar, Code 32, MSI UK Plessey, IATA Code, Code 2 of 5 (China Postal Code), Industrial 2 of 5, Matrix 2 of 5, Code 93, Code 11, Telepen.
Indicator:	LED, beep tone.
Dimensions:	Length: 6.3 inches (160 mm). Width: 2.6 inches (65 mm). Height: 3.7 inches (95 mm).
Weight:	4.5 oz (156 g).
Color:	Gray and black housing.

## Decoding Specifications and Options

Message Formatting:	Terminator Character. Preamble. Postamble.
User Programmable Features:	Enable/disable individual symbologies. Min/max length set. MSI/Plessey check digit. Code 11 check digits. Beep tone. EAN country code digits send/suppress. UPC/EAN separator enable/disable. User-selectable Code ID.
Transmission to Host Options:	Intercharacter delay select. Interblock delay select.
RS-232 Interface Option:	Baud Rate: Selectable, 300 to 57.6K bps. Data: 7, 8 Data and 1, 2 stop bits. Parity: Odd/even/none, space/mark.
USB (Keyboard) Options:	Selection: WIN 98, 2000, ME & XP.

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10721 Walker Street  
Cypress, California 90630  
(714) 761-6368 Fax: (714) 761-8880  
Visit us at [www.id-tech.net](http://www.id-tech.net)  
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