EconoScan™

Scans and Decodes Bar Codes

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

Programmable for Specialized Usage

Not only does the EconoScan 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, yet it is exceptionally lightweight and designed to fit comfortably in the hand for extended periods of usage. The cable is detachable for easy replacement or the use of multiple interfaces.

High-Speed Contact Scanning

The EconoScan enables quick contact scanning of bar codes up to 3.5 inches in length. At a scan rate of 43 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.

Features & Benefits:

- Ergonomic design for superior handling
- Ergonomic and lightweight handheld scanning
- Rugged design for industrial & commercial use
- Three convenient interface & data editing options: RS232, Keyboard Wedge, & USB host interfaces
- Easy to set-up data formatting options
- Easily configure to trigger, flash or continuous mode
- LED & beeper to indicate good reads
- Visible LED source light and 2088 pixel sensor
- 43 scans per second for fast, accurate reading
- Scans & decodes most barcode symbologies
- 1 year warranty

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Value through Innovation

Electrical

Power Requirement:	$+5$ VDC $\pm$ 5%, 85 mA $\pm$ 10 mA
Interfaces:	RS-232, Keyboard Wedge, and USB
Light Source:	630-660 nm visible red LED with focus light bar
Sensor:	2088 pixels CCD array

Environmental

Operating Temperature:	32° F to 122° F (0° C to 50° C)
Storage Temperature:	-4° F to 140° F (-20° C to 60° C)
Humidity:	20 to 80%, non-condensing
Drop Test:	Operational after 20 drops at 6 ft. (1.8 m) to a hard surface

Mechanical

Dimensions(L)x(W)x(H):	7.75 inches (197mm) x 3.5 inches (89mm) x 2 inches (51mm)
Cable Length:	6 ft (1.83 m)
Weight:	8 oz. (with cable)
Indicator:	LED, beep tone
Color:	Gray or black housing
Field Width:	120 mm (40 mil) at 110 mm distance
Depth of Field:	0-50 mm (16 mil)
Resolution:	0.1 mm (4 mil)
PCS:	45%, 15 mil minimum
Scan Rate:	43 scans per second
Range:	0 to 4.72 inches (0 to 120 mm) based on resolution
Symbologies:	Code 39, UPC-A, UPC-E, Code 128, EAN-13/8, EAN 128, Interleaved 2 of 5, Code 32, MSI, UK Plessey, IATA 2 of 5, Code 2 of 5 (China Postal Code), Industrial 2 of 5, Matrix 2 of 5, Code 93, Code 11, Codabar
Approvals:	FCC Class A & CE

Decoding Specifications and Options

Message Formats:	Terminator Character, Preamble and 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
	Trigger operation or auto scanning
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
Keyboard Wedge Options:	Terminal Selection: IBM AT, PS/2

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