ASI-ES-1000+

A Sleek and Lightweight Bar Code Scanner for Retail and Commercial Applications

ASI-ES-1000+ supports PDF417, MicroPDF and GS1 composite code

Capable of reading high density barcode on contact

Superior reading range up to 10" on 100% UPC/EAN symbols

Unsurpassed readability on damaged, poorly-printed, smudged or low contrast barcodes

Sleek and lightweight design fit well in most of hands for intuitive point-and-shoot scanning

Innovative trigger switch and indication design

Durable construction to withstand multiple drops to concrete from 1.5 meters

All-in-one host interface design, including USB HID, USB COM, PS/2 keyboard wedge and RS232

Presentation scanning supported

Optional vibrator for noisy and quiet environments

Available in black or gray color

The ASI-ES-1000+ series bar code scanner is developed with state-of-the-art FuzzyScan 2.0 Imaging Technology inside, sleek yet lightweight form factor outside. It not only provides superior reading performance, but also delivers easy-to-use ergonomics and modern appearance. The characteristics of reliability, efficiency and outstanding cost-performance make ASI-ES-1000+ well-suited for a broad range of applications and environments, especially for those small to medium sized business. The ASI-ES-1000+ series is the most ideal solution to streamline workflow while boost productivity.

Modern design and durable construction

Designed to meet the need of intensive use all day, the ASI-ES-1000+'s ergonomic handle grip and big trigger button deliver user the maximum comfort but without compromising the sleek-yet-modern form factor. Durable housing ensures that ASI-ES-1000+ can surviving 1.5-meter multiple drops to concrete; thus, providing long lasting reliability and performance.

Superior performance on both contact and distant reading

Thanks to FuzzyScan 2.0 Imaging Technology, the ASI-ES-1000+ series is capable of reading low contrast, damaged, smudged and poorly-printed barcodes labels quickly and accurately. Furthermore, the ASI-ES-1000+ supports most popular linear-stacked barcodes, including PDF417, MicroPDF, Codablock, GS1 Composite code. It can read barcodes from contact up to a distance of 15 inches.

Specifications

Performance Characteristics

Optical System	High performance Linear Imaging Engine
Print Contrast	25% minimum reflective difference
Minimum Resolution	Typical 4 mil (code 39, PCS 0.9)
Working Distance	Up to 10 inches on 100% UPC/EAN symbols Up to 15 inches on 20-mil Code 39
Light Source	630nm visible red LED
Scan Rate	Dynamic scanning rate up to 300 scans per second
Reading Direction	Bi-directional (forward and backward)
Pitch/Skew	± 65˚/ ± 65˚
Operating Modes	Toggle, Trigger, Force, Level, Flash, Diagnostic Alternative, Low power, Presentation
Host Interfaces	PC/AT, PS/2 (DOS V) keyboard wedge PC/AT, PS/2 (DOS V) keyboard direct link TTL RS-232 serial USB HID (USB Keyboard) USB COM port emulation Laser emulation and Wand emulation
Configuration Setup	Bar code command Windows utility - FuzzyScan PowerTool
Data Editing	Condensed DataWizard via bar code command Full-feature DataWizard via FuzzyScan PowerTool
User Interfaces	Blue LED indications Programmable beeper Optional vibrator

Physical Characteristics

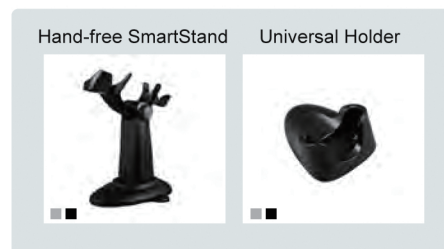|	
Dimension	165.0 mm (L) x 64.7 mm (W) x 38.7 mm (D) 6.50 in. (L) x 2.55 in. (W) x 1.52 in. (D)
Weight	106g
Color	Light Gray or Black
Input Voltage	5VDC ± 10%
Current	Operating : Typical 170 mA @5VDC Standby : Typical 75 mA @5VDC

Safety & Regulatory

EMC	CE,FCC,BSMI,KC,VCCI
Safety [2]	LED Eye Safety IEC62471, Exempt Group
Environmental	Compliant with RoHS directive

Accessories

Cables	PS/2 (DOS V) Keyboard Wedge Cable RS232 Serial Cable USB Cable USB Power Steal Cable
Others	Hand-free SmartStand Universal Holder

Supported Symbologies

1D Linear (F560)	Code 39, Code 39 Full ASCII, Code 32, Code 39 Trioptic Code 128, UCC/EAN-128, Codabar, Code 11, Code 93 Standard & Industrial 2 of 5, Interleaved & Matrix 2 of 5 German Postal Code, China Postal Code, IATA UPC/EAN/JAN, UPC/EAN/JAN with Addendum Telepen, MSI/Plessey & UK/Plessey GS1 DataBar (formly RSS) Linear, Linear-stacked
Linear-stacked (F568)	PDF417, Micro PDF417, Codablock, Composite

User Environment

Drop Specifications	Withstand multiple 1.5m/5ft. drops to concrete
Environmental Sealing	IP41
Operating Temperature	-10˚C to 50˚C (14˚F to 122˚F)
Storage Temperature	-40˚C to 70˚C (-40˚F to 158˚F)
Humidity	5% to 95% related humidity, non-condensing
Ambient Light Immunity	0 ~ 80,000 lux

Accessories

Hand-free SmartStand   Universal Holder

Colors Available : ■ black ■ light gray