

AIDA

# AIDA 9000

## SCANNER series



### **The Rugged, Compact High Performance, Bar Code Linear Imager.**

- Rugged and Compact design withstands multiple drops on concrete from 1.6 meters
- Superior NeuroFuzzy decoding engine, reads poor printing bar codes
- High speed scanning rate for snappy bar code capture
- Choices of High-Density, Long-Rang models and Laser Engine
- Embedded outstanding DataWizard to meet most of data editing requirements
- All-in-one universal interface link to most popular host machines
- Snap-in, Detachable interface cable
- Blue color LED for Power indication
- Vibrator option for noisy working environment

SCANNER  
**9000**  
series

VISIBILITY

SUPER  
BRIGHT  
AIMING  
LINE

INTERFACE

ALL IN  
ONE

European Union



U.S.A.



TAIWAN



LED Eye Safety

IEC60825-1

# AIDA 9000

## SPECIFICATIONS

### Optical

Optical System	Improved Linear Imagine Engine		Laser Engine	
PCS	Typical 0.3 (0.26mm Resolution)		Typical 0.45 (0.26mm Resolution)	
Resolution	High-density Model : Maximum 3 mil (PCS > 0.8)	Long-range Model : Maximum 4 mil (PCS > 0.8)	Laser-engine Model : Maximum 3 mil (PCS > 0.9)	
Depth of Field ( Code 39, PCS=0.9)	<b>High-density Model</b> 3 mil (0.076mm)Resolution:up to 3-4 inches 4 mil (0.1mm)Resolution:up to 4-5 inches 5 mil (0.127mm)Resolution:up to 5-6 inches 10 mil (0.25mm)Resolution:up to 7-8 inches 20 mil (0.50mm)Resolution:up to 9-10 inches	<b>Long-range Model</b> 4 mil (0.1mm)Resolution:up to 4-5 inches 5 mil (0.127mm)Resolution:up to 5-6 inches 10 mil (0.25mm)Resolution:up to 8-9 inches 13 mil (0.33mm)Resolution:up to 10-12 inches 20 mil (0.50mm)Resolution:up to 12-14 inches	<b>Laser-engine Model</b> 3 mil (0.076mm)Resolution:up to 4.6-6 inches 4 mil (0.1mm)Resolution:up to 5-11 inches 5 mil (0.127mm)Resolution:up to 4-16 inches 10 mil (0.25mm)Resolution:up to 1-25 inches 13 mil (0.33mm)Resolution:up to 1-32 inches 20 mil (0.50mm)Resolution:up to 1-37 inches	
Light Source	630nm visible red LED		Visible Laser Diode 650nm	
Scan Engine	Dynamic scanning rate up to 500 scans/sec		Dynamic scanning rate up to 33 scans/sec	
Reading Direction	Bi-directional (forward and backward)			
Tilt Angle (ENA13, PCS=0.9, 13mi)	Forward and backward : Typical 2 - 20 Left and right : Typical 0 - 15 ; Rotation : 15 ; Curvature : R=25mm			
Readable Bar Code Symbologies	Codabar & NW-7 Code 39 & Full ASCII Code 39 Code 32 & IATA	UPC/EAN/JAN/CAN w/Addendum Standard & Industrial 2 of 5 Interleaved & Matrix 2 of 5	Code 128 & UCC/EAN-128 Code 11 & Code 93 GS1 (RSS-14) DataBar	Mainland China Postal Code Telepen (Numeric & Full ASCII) MSI/Plessey & UK/Plessey

### Operational

Operating Modes	Toggle mode Trigger mode	Force mode Diagnostic mode	Flash mode Presentation mode	Alternative mode Low power mode	Toggle mode Trigger mode	Force mode Flash mode	Low power mode Diagnostic mode
Host Interfaces	Generic, PC/AT, PS/2 keyboard wedge Generic PC/AT and PS/2 keyboard direct-link Generic Notebook PC keyboard direct-link		Standard/TTL RS-232 peer-to-peer serial interface Standard/TTL RS-232 serial wedge Pseudo (Inverted) RS-232 serial interface		Laser emulation & Wand emulation USB Serial		
Data Editing	Condensed DataWizard via bar code programming manual Full-feature DataWizard via Regal PowerTool.NET				Condensed DataWizard via bar code programming manual		
Special Features	Field Upgrade via AIDA PowerTool.NET						
Cable Structure	Snap-in Detachable Interface cable						
Available Interface cables	USB HID keyboard		USB Serial	PS/2 keyboard wedge	RS-232 Serial (9- pin D-sub)		
Good read vibrator (Optional)	For noisy environment usage		Support good read vibrational indication				

### Mechanical

Dimensions(L x W x D)	97.8 x 70.5 x 156.2 mm	
Weight	143 g	158 g
Drop Test	1.6M	

Specifications are subject to change without notice. All product and company names are trademarks, service marks or registered trademarks of their respective owners.

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