Leitor Argox AI-6821

O Leitor Argox AI-6821 é o primeiro modelo de scanner sem fio da Argox,
indicado especialmente para indústrias de pequeno à médio porte. Sua
taxa de transmissão é 3 vezes mais rápida do que os modelos da categoria.

ARGOX
a SATO company

EAGLE EYE Series
AI-6821
Wireless 2D Barcode Imager

Outstanding Scanning Performance
Based on the outstanding reading performance 2D CMOS imager scan engine, AI-6821 is the first Argox wireless light-industry grade 2D scanner. With enhanced reading capability on 4 mil labels for components and jewelry labels, AI-6821 has been well recognized by Argox customer groups for its snappy readings and rigid structures in light industrial applications.

User Friendly Aiming Light
Built-in laser cross aimer of AI-6821 made it easy for user to aim the reading target under strong or with very low ambient light source.

Superb Wireless Data Transmission
With Class-1 Bluetooth module built in, AI-6821 can transmit scanned data to receiver within 100-meter range. For warehouse and logistic operations, AI-6821 can provide services non-stop over the whole working shift.

In Store or On the Floor Use
AI-6821 can be perfect scanning device for inventory check. For factory shop floor use, AI-6821 can be great helping hands with built in vibrator for good-read and data receiving acknowledge indicator.

Built to Survive Harsh Environment
IP65 structure design of AI-6821 makes it survive multiple 1.8-meter drop on concrete. No moving parts inside of AI-6821 outperforms laser scanner in various applications in factory and warehouse.

Versatile Data Editing to Adopt Database Format
AI-6821 comes with powerful DataMagic data editing tool. It allows AI-6821 to transmit scanned data after been edited according to preset rules to fit in specific database format. No matter it is for special data length, special truncation, special re-organization of the data sequence, even replacing specific data with designated numbers or characters. Substantial efforts used to be required after data scanning can now all be eliminated through simple setting on screen via friendly user interface then download into AI-6821.

Application:
- Retail
- Healthcare
- Warehouse
- Transportation & Logistic
- Manufacturing

Cradle- Features:
Smart Cradle
1. User friendly cable alignment groove for different desktop positioning.
2. U-Shape LED indicator provides clear scanner status indication even from far.
3. Multi-function cradle: Data receiving/transmission, scanner charging, and firmware upgrade.

2.4-2.483 GHZ   IP65

Model	AI-6821	AI-6821HD
PERFORMANCE CHARACTERISTICS		
Scan Pattern	Area Imager (752x480 pixel array)	
Light source	Aiming Pattern: 655 +/- 10 nm laser diode Illumination: 625 +/- 5 nm LED	
Field of View	39.6° horizontal, 25.7° vertical	
Roll/Pitch/Skew	360°, ±60°, ±60°	
PHYSICAL CHARACTERISTICS		
Dimensions	Scanner 9.4x 7.6x15.8 cm Cradle:13x8.8x9.5 cm	
Weight	Scanner :200g (Battery included) Cradle:130g	
Indicator	LED , beeper, vibrator	
Resolution	1D (4 mil): Code 39 2D (6.7 mil): PDF417	1D (3 mil): Code 39 2D (4 mil): PDF417
SYMBOLOGY DECODE CAPABILITY		
1-D Symbologies	UPC/EAN (UPCA/UPCE/UPCE1/EAN-8/EAN-13/JAN-8/JAN13 plus supplementals, ISBN (Bookland), ISSN, Coupon Code, Code39 (Standard, Full ASCII, UCC/EAN-128,ISBT-128 Concatenated), Code 93, Codabar/NW7, Code 11 (standard, Matrix 2 of 5),MSI Plessey, I2 of 5 (Interleaved 2 of 5 / ITF, Discrete 2 of 5 IATA, Chinese 2 of 5), GS1 Databar (Omnidirectional, Truncated,Stacked, Stacked Omnidirectional, Limited, Expanded, Expanded Stacked, Inverse), Base 32 (Italian Pharmacode)	
PDF417 (and Variants)	PDF417, microPDF417, Composite Codes (OCR-A, OCR-B)	
2-D Symbologies	TLC-39, Aztec (Standard, Inverse), MaxiCode, DataMatrix/ECC 200 (Standard, Inverse), QR Code (Standard, Inverse and Micro)	
Print Contrast	25% minimum reflectance	
Interface Supported	RS-232 , USB	
Depth of Field	Code39 5mil 42~143mm 100% UPC 37~358mm Datamatrix 15 mil 32~280mm QR Code 8 mil 67~110mm QR Code 20 mil 37~320mm PDF417 13 mil 22~250mm	Code39 3mil 25~75mm Code39 5mil 25~105mm UPC 13mil 45~150mm QR Code 8 mil 30~80mm QR Code 20 mil 35~160mm PDF417 13 mil 25~115mm
USER ENVIRONMENT		
Operating Temperature	-20°C to 55°C (-4°F to 131°F) (Charging 0~40°C)	
Storage Temperature	-20°C to 70°C (-4°F to 158°F)	
Humidity	5% to 95% related humidity, non-condensing	
Drop Specifications	Withstands multiple 6 ft./1.8 m drops to concrete	
Contaminants	Seals to resist airborne particulate contaminants (IP65)	
Ambient Light Immunity	Up to 100,000 LUX, Immune to normal artificial indoor and natural outdoor (direct sunlight) lighting	
REGULATORY		
Electrical Safety	EN60950-1, CNS14336,	
Laser Safety	EN60825-1:1994 +A1: 2002 +A2 2001, IEC60825-1, 21CFR1040.10 and 21CFR1040.11, CDRH Class II, IEC Class 2	
EMI/RFI	CE, FCC, BSMI, NCC	
Environmental	Compliant with RoHS directive 2002/95/EEC	
Radio	Bluetooth™, Class 1(100M, in open area), Version 2.1 + EDR, Data rate — up to 3 Megabits/sec	
ACCESSORIES		
Power Supplies	Power supplies are available to support faster charging or USB cable	
ELECTRICAL CHARACTERISTICS		
Battery	Rechargeable Li-Ion battery pack (3.7V, 2200mAh, 9.25Wh)	
Battery Charger Time	Power adapter : 4.5 hours USB cable : 6.5 hours	
Power Input	5V ± 10% VDC / 1A	

*Argox reserves the right to enhance and modify the specification without prior notice.
Please check Argox sales representative for most updated specifications.

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