NEW PRODUCT

ARGOX
a SATO company



AR-3100
AR-3200
AR-3201

Fast & Accurate
Just like the Hummingbird

High resolution & extended range scanning!

Before



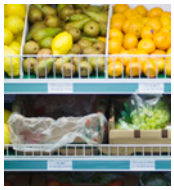
Users need to adjust the distance when scanning barcodes, wasting a lot of time.

After



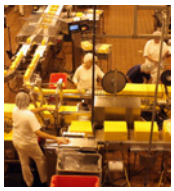
With AR-3100 series scanners, barcodes can be read from contact which greatly increases efficiency.

Application



Retail





Manufacturing





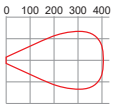
Healthcare



Feature-rich to make daily work simple and easy



Compact & simple to use
Lightweight form factor reduces working fatigue.



Long DoF Coverage
Covers from contact to standard scan range, one scanner that does the job of two (contact reading & distant reading).



Reads high density 3mil barcodes
Users can capture high density barcodes commonly used on small retail items such as jewelry.



Reads barcodes on LCD screens
Supports all types of electronic LCD screen, such as mobile phone, tablet.



Supports DataMagic function
Scanned data output can be customized to adopt various database structures.



Vibration function
With vibration mode, users can instantly confirm a successful scan even in a noisy environment.

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General Specifications

Models		AR-3100		AR-3200		AR-3201	
Symbologies	Linear	Code11, Code39, Code93, Code32 (Pharmaceutical), Code128, Code bar, Interleaved 2 of 5, Industrial 2 of 5, IATA 2 of 5, Matrix 2 of 5, EAN/JAN-13, EAN/JAN-8, UPC-A, UPC-E, UPC-A/EAN-13 with EXtend Coupon code, Telepen, Plessey Code, GS1 Databar RSS14, GS1 Databar Limited, GS1 Databar, Omni directional, GS1 Databar Expanded, China Post					
	Stacked Linear	GS1 Databar Expanded Stacked, GS1 Databar RSS14 Stacked, C16K, CodaBlockF					
Depth of Field Ambient Light: 270~330Lux		Near (cm)	Far (cm)	Near (cm)	Far (cm)	Near (cm)	Far (cm)
Code39	3mil	0	7.5	1.6	8.4	1.6	8.4
	4mil	0	10.8	1.4	12.4	1.4	12.4
	5mil	0	14.6	1.0	16.1	1.0	16.1
	20mil	0	58	1.7	78.0	1.7	78.0
EAN13	13mil	0	43	1.3	53.5	1.3	53.5
Characteristics							
Dimensions		H140mm x W67mm x D169mm				Scanner: H140mm x W67mm x D169mm Cradle: H106mm x W90mm x D141mm	
Weight		115g				Scanner: 178g (Battery included) Cradle: 219g	
Power		5V+-5%					
Trigger switch		>1,000,000 cycles					
Light source		RED LED 620nm~630nm					
Interface		USB (HID/Virtual Com), RS-232					
Indication		LED and adjustable beep sound, vibrator					
Battery		-				Rechargeable Li-Ion battery pack (3.6V, 2600mAh, 9.36Wh)	
Battery charge time		-				Full charged 5 hours (For adapter) Full charged 7 hours (For USB cable only)	
Standby idle		-				>102 hours	
Number of scan		-				>96,000 reads	
Expected hours of operation		-				>81 hours	
Supported connection		-				BT 2.1+EDR, 100meter Support SPP/HID	
Performance							
Resolution		3mil PCS>=30%					
Scan Rate		500 scan/sec					
Scan Width		25.7cm (code 39 , 20mil,pcs 90%)					
Scan Angle		Yaw: ±60° Pitch: ±70° Roll: ±45° , EAN13, 13mil					
Environment							
Light strength		80,000 Lux (PCS 90% / Code 39, 20mil "1234") Continue reading					
Temperature	Operating	-20°C to 60°C (-4°F to 140°F)					
	Storage	-30°C to 70°C (-22°F to 158°F)				-20°C to 60°C (-4°F to 140°F)	
	Battery Charge	-				0°C to 40°C (32°F to 104°F)	
Humidity		5% to 95% relative humidity, non-condensing					
ESD		±12KV Contact discharge, ±20KV Air discharge, ±12KV Vcp Hcp discharge					
Drop		1.8M					
Regulatory							
Regulatory Approvals		CE, FCC, BSMI, RoHS, WEEE, BIS					
Environmental		ROHS compliant					

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

Optional Items



Stand:
Auto-sensing (presentation) applications

ACRC
ARGOX Certified Repair Centers
Consult your local Argox business partners for location and contacts.

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