



AR-3100/AR-3200

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

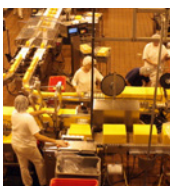


With AR-3100 series scanners, barcodes can be read from contact which greatly increases efficiency.

Application



Retail



Manufacturing



Healthcare

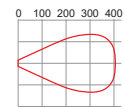


Feature-rich to make daily work simple and easy



Compact & simple to use

Lightweight form factor reduces working fatigue.



Wide 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.



Vibration function

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

General Specifications

Models		AR-3100	AR-3200		
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)
Code39	3mil	0	7.5	1.6	8.4
	4mil	0	10.8	1.4	12.4
	5mil	0	14.6	1.0	16.1
	20mil	0	58	1.7	78.0
EAN13	13mil	0	43	1.3	53.5

Characteristics	
Dimensions	H 143mm x W 66mm x D 160mm
Weight	115g
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

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)
Humidity	5% to 95% related humidity, non-condensing	
ESD	±10KV Contact discharge, ±16KV Air discharge, ±10KV 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.



ACRC
ARGOX Certified Repair Centers

Consult your local Argox business partners for location and contacts.



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