



# AR-3100



# Fast & Accurate Just like the Hummingbird

## Before



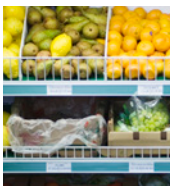
Users need to adjust the distance when scanning barcodes, resulting in a lot of wasted time.

## After



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

## Application



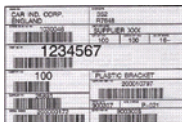
### Retail



### Manufacturing



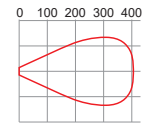
### Transportation & Logistics



## Feature-rich to make daily work simple and easy



**Compact & simple to operate**  
Lightweight form factor will reduce worker fatigue.



**Wide DoF Coverage**  
Covers from 0 to 40 cm scan range, one scanner that does the job of two.



**Support HD 3mil**  
Users can capture the high density barcodes common on small retail items such as jewelry labels.



**LED screen readable**  
Supports all types of electronic LED screen, such as mobile phone, tablet.



**Supports DataMagic function**  
Scanned data output can be customized.



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

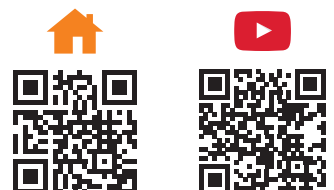
# General Specifications

Models		AR-3100	
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)
Code39	3mil	0	7.5
	4mil	0	10.8
	5mil	0	14.6
	20mil	0	58
EAN13	13mil	0	43
Characteristics			
Dimensions		H 143mm x W 66mm x D 160mm	
Weight		115g	
Power		5V+-5%	
Knob Life		> 1,000,000 cycles (600g @2cycle/sec)	
Beeper		> =70dBa @ 30cm in front of sound hold (Argox factory, background noise 55db/±5db).	
Vibrator		Vibrator life 100,000 times, vibration interval 1 seconds	
Light source		RED LED 620nm~630nm	
Interface		USB (HID/Virtual Com), RS-232, KB wedge (optional)	
Indication		LED and adjustable beep sound	
Supported connection		USB / RS232 / optional KB wedge	
Performance			
Resolution		3mil PCS> =30%	
Scan Rate		500 scan/sec	
Scan Width		42.8°	
Scan Angle		EAN13, 13mil Yaw: ±60° Pitch: ±70° Roll: ±45°	
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		±8KV Contact discharge, ±15KV Air discharge, ±8KV Vcp Hcp discharge	
Drop		1.5M (requested 3 times drop pre surface)	
Regulatory			
Regulatory Approvals		CE, FCC, BSMI, RoHS, WEEE	
Safety		CB, BSMI	
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.



Consult your local Argox business partners for location and contacts.



## Argox Information Co., Ltd.

7F., No.126, Ln.235, Baoqiao Rd., Xindian Dist., New Taipei City 231, Taiwan (R.O.C.)  
Tel: +886-2-8912-1121 Fax: +886-2-8912-1124 <https://www.argox.com> <https://www.youtube.com/user/argoxmkt> email:service@argox.com  
Copyright © 2018. Argox Information Co., Ltd. All Rights Reserved.