



RENITY AIR

An Artificial Intelligence solution ideal for Object Recognition and Classification

- Fast and Accurate to Detect and Recognize products
- Easier to training AI and use without Experts
- Reduce the training cost of the new employee
- Economic, Efficient, and Low Total Cost of Ownership

RENITY AIR

AIR is an intelligent solution for helping customers detect and recognize the products and materials in Retail, Industrial, and Medical industries.

AIR can increase the efficiency & accuracy and reduce the employee training cost for various industries.

Product Benefits



Simple Only Need 3 Images for Training Intuitive User Interface & Experience



High-Speed Edge Computing Recognize in 1 Seconds



Flexible All in One or Standalone Easy Integration API Available



Stand Barrie

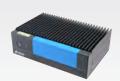
Affordable Lower TCO No Need for Permanent Internet

Connection

Product Packages



All in One w/ Touch Monitor 18.5" + Touch Monitor 15.6"



EPC-WHL 8th Gen Intel® Whiskey Lake Fanless Tiny System



Flexible Panel PC w/Camera Kit



Lite Camera Kit with SDK for customers integrate with their products



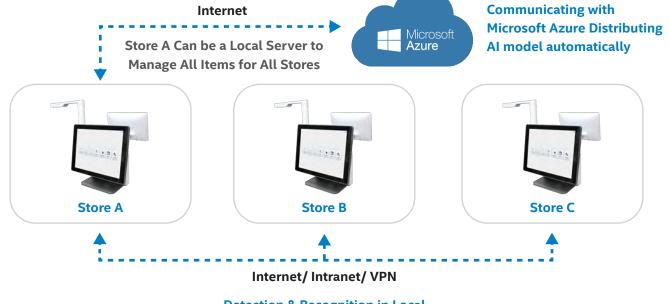
Superior POS Systems w/ Touch Monitor 15" + Monitor 10.1"



BMX-P54S-Q17K Mini Server with 4 hot-swap drive bays



Product Architecture



Detection & Recognition in Local

Product Benefit & Comparison

RENITY AIR		Others
Deep Learning	Algorithm	Compare with Color/ Sharp Characterizes
Cloud & Edge	Architecture	Edge Only
3 Photos Only	AI Training Request	Over 30 Photos
Pay As You Go	Training Cost	Annual/ Monthly Fee
Easy to Integrate with Existing HW	Cost of HW	Need to Replace a New Set



Model No.	AIR-A300		
CPU	Intel® Core™ i5-6500TE		
System Memory	8GB		
Storage	HDD/SSD	128GB SSD	
	RAID Function	Support RAID 0/1	
Panel	LCD Size	15" / 10.1" TFT LCD (LED backlight)	
	Brightness	15" : 400 nits / 10.1" : 250 nits	
	Resolution	15" : 1024 x 768 / 10.1" : 1280 x 800	
	Touch	True Flat Projected Capacitive Technology	
OS	Windows 10		
Dimensions	525 x 718 x 292 mm		
Weight	12kg		

Success & Use Cases



- Reduce employee training time
- Improve employee working efficiency
- No more queues and shorter checkout times

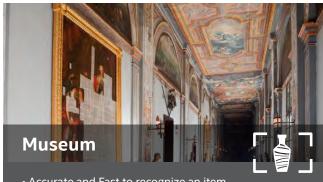


- Check order items and product
- Keep accurate records



Supermarkets

- Easier to integrate with POS system
- Detect Product and Measure Weight in One Step
- Keep accurate record for Type, Weight, Date/Time and Photos



- Accurate and Fast to recognize an item
- Only need a short period of time for training
- Keep accurate record for Name, Date/Time and Photos



Industrial Maintenance

- Detect tools and Compare with task in One Step
- Low learning curve for supporting technician
- Improve stable maintenance quality does not depend on the experience of the technician.



- Detect tools and Comparison in One Step
- Keep accurate record for Tool pack, Date/Time



Avalue Technology

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