

# READY-TO-USE (RTU) VISION SYSTEM

RTU System, our new cutting-edge products that offers high speed and high performance machine vision system that is ready & easy to use. It comprises of software with controller and cameras that offers with higher degree of convenience for the user with increased productivity and efficiency in developing and deployment of machine vision applications.

The RTU System always focused to be with “simplicity” and aims to minimize the learning curve for inexperienced users and eliminates the need to learn a programming language.

Most of the inspection tasks required in practice & vast experience to solve it but with our RTU software, it is ready for use in just few steps.



## Key Features:

- o No prior programming needed to configure or deploy vision application
- o Reliable, robust and accurate OCR result
- o Offer standard vision inspection application:
  - 1D2D & Optical Character Recognition
  - All Tools
  - Photometric Stereo
  - Intuit - Machine Learning

## Supporting Hardware - Vision Controller and Industrial Camera



RTU-2100G



RTU-8500/  
RTU-8700










Resolution ranging from  
1.3MP - 20 MP

# READY-TO-USE (RTU) VISION SYSTEM

## Software Specification




RTU software contain a wide range of ready vision application for most industries. This software is bundled with controller and cameras that offers with higher degree of convenience and guided steps for the user with increased productivity and efficiency in deployment of machine vision applications.

Software			
1D2D & OCR			
 Multiple 1D/2D   Multiple OCR	All Tools		
	   OCR   Complete	Photometric	
		 Photometric Stereo	Intuit
		 Machine Learning	

## Camera Specification

Range	Resolution	Sensor	Shutter Type	FPS
1.3MP Camera	1280 x 1024	CMOS	Global	60
5.0MP Camera	2592 x 1944	CMOS	Rolling	14
5.0MP Camera	2448 x 2048	CMOS	Global	20
12MP Camera	4024 x 3036	CMOS	Rolling	8
12MP Camera	4096 x 3000	CMOS	Global	8
20MP Camera	5472 x 3648	CMOS	Rolling	5
20MP Camera	4504 x 4504	CMOS	Global	5

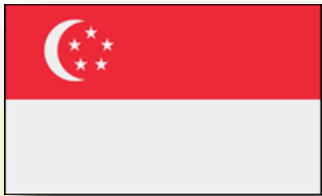
# READY-TO-USE (RTU) VISION SYSTEM

Description	RTU-2100G 	RTU-8500G 	RTU-8700G 
<b>System Core</b>			
CPU	Intel® ATOM™ processor J3455E, Quad Core 1.5 – 2.3GHz	Intel® Core™ i5-8500, Quad Core 3.0 - 4.1GHz	Intel® Core™ i7-8700, Quad Core 3.2 - 4.6GHz
Memory	4GB RAM	8GB RAM	
Storage	64G (SSD)	128G mSATA (SSD)	
<b>Graphic</b>			
Display	1 x HDMI	1 x DVI, 1 x HDMI	
<b>Camera Interface</b>			
GigE	2-CH Gigabit (POE) + 2 x GbE ports	4-CH Gigabit (POE)	
<b>I/O Interface</b>			
Ethernet	-	2 x GbE ports	
DI/O	Isolated 8 DI, 8 DO	8 DI (NPN/PNP), 8 DO	
Lighting	2 x Channel	4 x Channel (Max. 1 A per channel)	
USB	2x USB2.0, 2 x USB3.0 & 1 x USB2.0 internal	4 x USB3.0 + 1 x USB2.0 internal	
Serial	1x RS232	2 x RS-232/422/485	
<b>Power Supply</b>			
DC Input	24V DC	12~24V DC +-10%. Must be DC24V input when using light control	
<b>Physical</b>			
Dimension (W x H x D)	175 x 126 x 60mm	200 x 154 x 75mm	
Weight	~1.0kg	~2.4kg	

# CONTACT US



Scan for More!



**Corporate Headquarter (Singapore)**

**Inspiraz Technology Pte Ltd**

**Blk 19, Kallang Avenue #06-163, Singapore 339410**

**www.vizcam.net    +65 6297 0880    sales@inspiraz.com**



**China Headquarter (Shanghai)**

**启毅视觉科技(上海)有限公司**

**上海市静安区梅园路 228 号**

**(企业广场) 2618 室**

**China Office (Shenzhen)**

**深圳市南山区桃园路 1号**

**西海明珠大厦 F 座 11 楼 C13**

**www.inspiraz.cn    +86 021 5299 0181    sales@inspiraz.cn**



**Korea Office (Seoul)**

**#1109, B Building 201**

**Songpa Gu Seoul, Korea 05854**

**www.vizcam.co.kr    +82 2 2264 2563~5    sales@vizcam.co.kr**

