

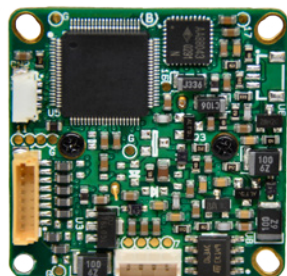
1/4" High Resolution Analog Color Board Camera

RHPC-920/925

- 1/4" Color CCD
- 32x32mm Single Board Form Factor
- Internal Synchronization
- DC- Auto-Iris Output
- 12 Volt DC Operation
- Parameters Controllable via Connector
 - Mirror Mode
 - Flickerless Mode
 - Auto Gain Control (AGC)
 - Auto White Balance (AWB)
 - Auto Level Control (ALC)
 - Backlight Compensation (BLC)

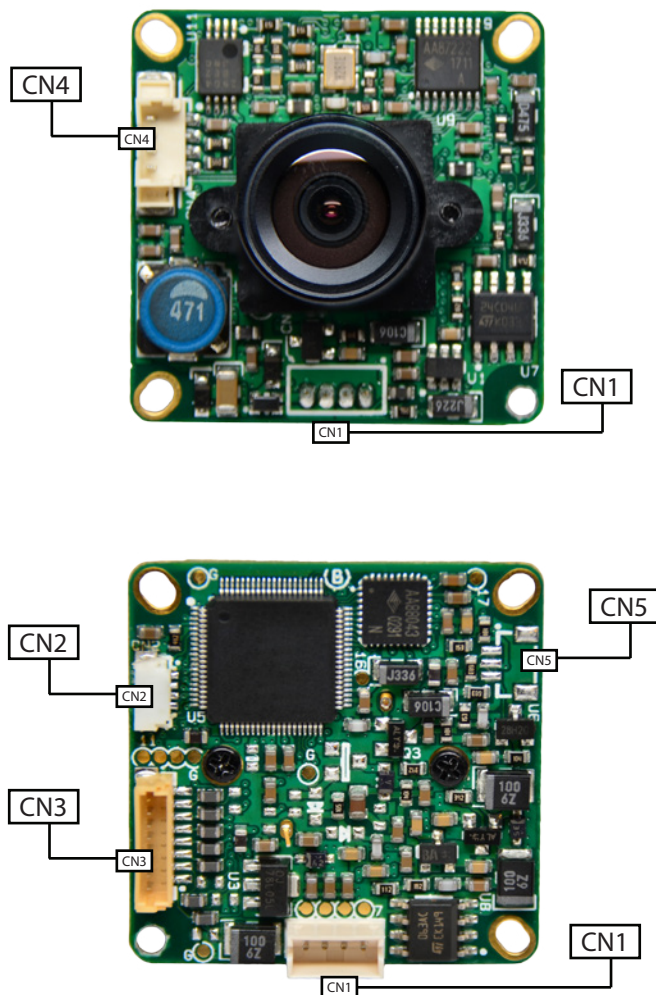


RHPC-920 (NTSC)
RHPC-925 (PAL)

Specifications	RHPC-920 (NTSC)		RHPC-925 (PAL)	Dimensions 32x32mm
Image Sensor	1/4" Inter-line Type CCD Image Sensor (ICX648BKA)			  32mm 32mm
Scanning System	2 : 1 Interlace			
Effective Pixel Elements	768 (H) x 494 (V)		752 (H) x 582 (V)	
Scanning Frequency	15.734 KHz(H) 59.94 Hz(V)			
Lens - Standard	f=3.0mm / F2.8 Fixed Focus (Other Lens Options Available)			
Synchronization	Internal			
Video Output	Composite / 1 Vp-p 75 Ω			
Horizontal Resolution	More than 450 Lines			
Min. Illumination	1.5 Lux (Video Output 50%, AGC ON, F2.8)			
S/N Ratio	> 50 dB (AGC OFF, WEIGHT ON, Luminance Signal)			
Electronic Iris	1/60 ~ 1/120,000		1/50 ~ 1/120,000	
Gamma Characteristics	0.45			
AGC (Auto Gain Control)	ON (+33dB Max)			
White Balance	ATW			
BLC (Back Light Comp.)	ON (Center + Lower)			
Power Requirements	DC 12Volts +/- 10%			
Current Consumption	Max 80 mA (at DC 12Volts)		Max 75 mA (at DC 12Volts)	
Storage Temp. Humidity	-20°C ~ +60°C - Max. 90% (No Condensation)			
Operating Temp. Humidity	-5°C ~ +45°C - Max. 80% (No Condensation)			
Dimensions	32 (W) x 32 (L)			
Weight	Approx. 7.2g (without Lens) - 15g (with Lens)			

** Specifications and availability of products are subject to change without notice

** Specifications and availability of products are subject to change without notice



CN1 I/O Connector: B4BZR (JST)

1. Video GND
2. Video
3. Power GND
4. Power (DC +12V)

CN2 Serial Connector (Option) Factory use only

CN3 Function Connector: BM08B-SRSS(JST)

- | | | |
|----------------|--------|----------|
| 1. GND | | <Black> |
| 2. MIRROR | OFF/ON | <Purple> |
| 3. FLICKERLESS | OFF/ON | <White> |
| 4. ALC/AE | | <Green> |
| 5. AWB | ON/OFF | <Blue> |
| 6. AGC | ON/OFF | <Brown> |
| 7. BLC | OFF/ON | <Gray> |

CN4 DC-Iris Connector (Option) 53398-0417 (Molex)

1. DUMP-
2. DUMP+
3. DRIVE+
4. DRIVE -

CN5 Iris Adjust Connector (Option) BM03B-SRSS (JST)

1. CLOSE
2. COM
3. OPEN

* Cables for CN1 and CN3 included with Camera

