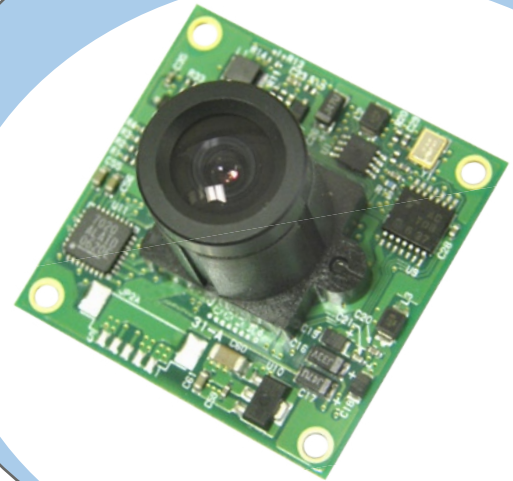


RHPQ-725

1/3" Standard Resolution
Color Board Camera

1/3" Color CCD
32x32mm Single Board Camera
Video Iris Signal Output (Option factory setting)
Low Noise
12Volt DC Operation

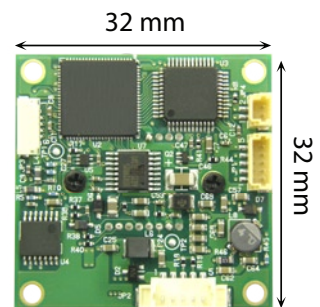


**RHPQ-725N (NTSC)
RHPQ-725P (PAL)**

Specifications	RHPQ-725N (NTSC)	RHPQ-725P (PAL)
Image Sensor	1/3" Inter-line Type CCD Image Sensor / SONY	
Scanning System	2 : 1 Interlace	
Total Number of Pixels	537 (H) x 505 (V)	537 (H) x 597 (V)
Effective Pixel Elements	510 (H) x 492 (V) Approx. 250k Pixels	500 (H) x 582 (V) Approx. 290k Pixels
Synchronization		
Video Output	Composite / 1 Vp-p 75 Ω	
Burst Level	0.286 Vp-p	
Horizontal Resolution	More than 350 TV Lines	More than 520 TV Lines
Standard Scene Illum.	1000 Lux @ F4.0 - 390 Lux F2.5 - 90 Lux @ F1.2	
Min. Illumination	0.4 lux (at F1.4 / Video Output 50% / AGC=ON Max)	
Lens Options	f=3.0mm/F2.8 fixed focus D=mount type	
	Option	
	Option	
S/N Ratio	45 dB or better (AGC=OFF)	
Electronic Iris (Auto)	1/60 ~ 1/120,000 Sec.	1/50 ~ 1/120,000 Sec.
IRIS Control		
Electronic Shutter		
Horizontal Drive Freq.	15.734 kHz (NTSC)	
Vertical Drive Freq.	59.94 Hz (NTSC)	
Gamma	0.45	
AGC (Auto Gain Control)	ON/OFF Selectable	
BLC (Back Light Comp.)	ON/OFF Selectable	
Mirror Function	ON/OFF Selectable	
White Balance		
Power Requirements	DC 12V +/- 10%	
Current Consumption	90 mA (at DC 12V)	
Storage Temp. Humidity	-20°C ~ +60°C - Max. 90% (No Condensation)	
Operating Temp. Humidity	-5°C ~ +45°C - Max. 80% (No Condensation)	
Dimensions	32mm(W) x 32mm(L) x ~60mm(H) w/Vari-Focal Lens	
Weight	Approx. 6g without lens	

Dimensions 32 x 32mm

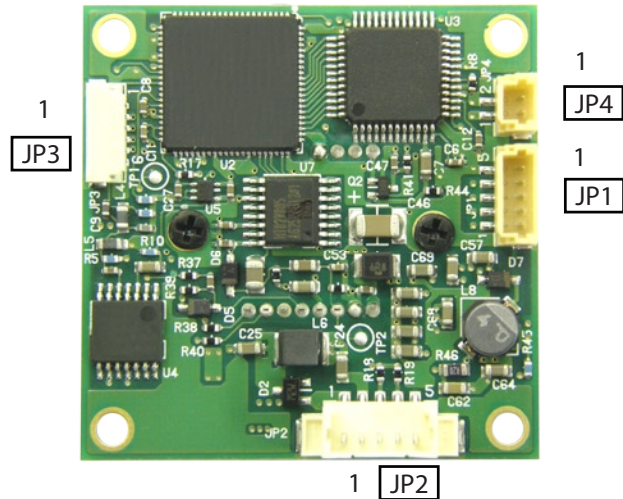
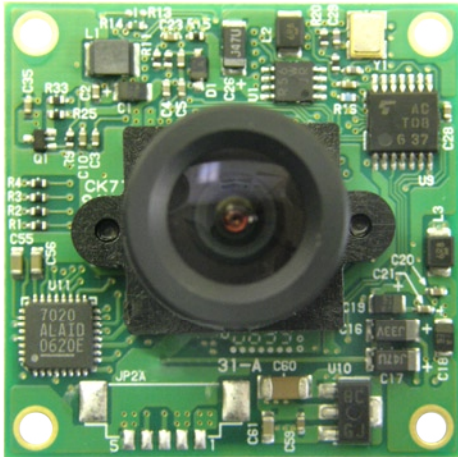
* ACTUAL SIZE



* Actual photo size may vary depending on print scaling

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

RHPQ-725 - Connections



- JP1** - Function Connector
1. GND
 2. BLC (On/Off)
 3. H-Mirror (Normal/Mirror)
 4. AGC (Off/On)
 5. ATW/AWC (ATW/AWC)
(OPEN/GND)

- JP3** - Serial Connector
1. =3.3v Out
 2. SDO
 3. SDI
 4. STB
 5. SCK
 6. GND

- JP2** - I/O Connector
1. DC-In
 2. GND
 3. Monitor (Option)
 4. Video

- JP4** - VideoIRIS Connector
1. GND
 2. VideoIRIS out

(E/E=OFF shall be set a factory
for Auto iris lens use)