

Content

- | No. | Item |
|-----|---|
| 1. | Feature |
| 2. | Externals |
| 3. | Absolute Maximum Rating
-Temperature Range |
| 4. | Driving Condition |
| 5. | Specifications |
| 6. | Mechanical Drawing |

1. Feature

- * Compatible with NTSC system
- * Typical 10V Power Input
- * Waterproofing criterion: IP67.
- * Low Power Consumption

2. External

Parameter	Symbol		Remark
Display	1/3" COLOR CMOS CAMERA		
Length /Height/Depth	104.9 / 40.2 / 74 mm		
Pinassignment	GND	PIN 6	
	VIDEO	PIN 5	
	DC 10V~12V	PIN 3	
Weight	364g		

3. Absolute Maximum Ratings

Parameter	Symbol	Min.	Max.	Unit	Remark
Storage Temperature	T stg	-20	+70	°C	
Operating Temperature	T opa	-20	+50	°C	

Note: Video. , Csync.

4. Driving Condition

Current Consumption

	Min.	Typ	Max	Remark
Current	52 mA (IR LED OFF)	58 mA (IR LED OFF)	65 mA (IR LED OFF)	DC 10V
Current	90 mA (IR LED ON)	100 mA (IR LED ON)	110 mA (IR LED ON)	DC 10V

5. Specifications

Parameter	Specifications	Remark
Image Pick-up Device	1/3" Image Sensor	
Pixel Size	6.35(um) x 7.4(um)	
Effective Picture Elements	NTSC: 756(H) x 504(V)	
Horizontal Resolution	650 TV lines	
Exposure	Auto	
White Balance	Auto	
Mirror	Switch-able	
Electronic Shutter	Auto 1/60 ~1/100,000 sec.	
Video Output	Composite 1.0 Vp-p / 75 ohm	
Lens Furnished	2.1 mm / F2.5	C8000
Min. Illuminate	0.5 lux Color / F2.0	
Angle	165°	C8000

6. Mechanical Drawing

RVSC800 Mechanical Drawing

