



# Metrology Imaging Camera

## Analog Imaging Camera

### Product Information

### 1/3" CCD Camera



Model : PT-9101

The PT-9101 is a compact & lightweight color camera including a 1/3" format sensor. With high sensitivity and white balance control, this camera is widely used in the industrial and scientific application such as imaging, microscopy etc. The camera system includes camera, Video cable, and AC power adaptor.

Note: Lens not included

TECHNICAL SPECIFICATION

#### General Technical Specification

|   |
|---|
| Pixels: 380k(N), 440k(P)  |
| Resolution: 450 TVL   |
| Minimum illumination: 0.1 lx. F1.2  |
| Gain control: AGC ON(HI:8-36dB), OFF(8dB)   |
| Back light compensation: ON/OFF   |
| S/N ratio:50dB  |
| Shutter speed: EI(1/60(N) or 1/50(P)-1/100,000), FL, OFF, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 |
| White balance: ATW, PWB   |
| Weight:90g  |
|   |
|   |
|   |

#### Features.

- Compact & Light Weight
- High Sensitivity
- White balance control
- Electronic IRIS
- Flickerless Mode
- Back Light Compensation
- Gamma Correction
- Video/DC IRIS auto-select
- IRIS level Control

| Model Available  | Type of Accessory Available*  |
|--|---|
| <b>PT-9101</b> 1/3" CCD Camera<br><b>PT-9102</b> 1/3" CCD Camera<br><b>PT-9103</b> 1/2" CCD Camera<br><b>PT-9111</b> 1/3" CCD Camera<br><b>PT-9112</b> 1/2" CCD Camera<br><b>PT-9113</b> 1/2" CCD Camera<br><br><b>PT-9206</b> 1/3" CCD Camera<br><b>PT-9207</b> 1/2" CCD Camera | <p><b>*Kindly Specify the type of range require when ordering</b></p> |



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|---|--|---|
|    |     |    |
| <b>Model : PT-9101</b><br>1/3" CCD Camera   | <b>Model : PT-9102</b><br>1/3" CCD Camera  | <b>Model : PT-9103</b><br>1/2" CCD Camera   |
|   |    |   |
| <b>Model : PT-9111</b><br>1/3" CCD Camera NTSC                                      | <b>Model : PT-9112</b><br>1/2" CCD Camera PAL  | <b>Model : PT-9113</b><br>1/2" CCD Camera PAL   |
|  |  |  |
| <b>Model : PT-9907</b><br>Camera AC Adaptor   | <b>Model : PT-9902</b><br>BNC Cable  | <b>Model : PT-9901</b><br>S Video Cable   |

TECHNICAL SPECIFICATION



## Product Information

| CAMERA SPECIFICATION TABLE |                 |                 |                 |          |          |                 |
|----------------------------|-----------------|-----------------|-----------------|----------|----------|-----------------|
| Model                      | 9101            | 9102            | 9103            | 9111     | 9112     | 9113            |
| Digital / Analog           | Analog          | Analog          | Analog          | Analog   | Analog   | Analog          |
| Connection Type            | BNC             | BNC/SVideo      | BNC/SVideo      | BNC      | BNC      | BNC             |
| Sensor Size                | 1/3" CCD        | 1/3" CCD        | 1/2" CCD        | 1/3" CCD | 1/3" CCD | 1/2" CCD        |
| Resolution                 | 450TVL          | 480TVL          | 450/480TVL      | 470 TVL  | 470 TVL  | 470 TVL         |
| No of effective pixel      | 752H / 582V PAL | 752H / 582V PAL | 752H / 582V PAL | PAL      | PAL      | 795H / 596V PAL |
| Scan System                | 2:1 interface   | 2:1 interface   | 2:1 interface   | -        | -        | 50 Field / Secs |
| Mount Type                 | CS-Mount        | C-Mount         | C-Mount         | C-Mount  | C-Mount  | C-Mount         |
| Dimension (WxHxD)          | 34 x 34 x 51    | 42 x 42 x 51.5  | 42 x 42 x 51.5  | 43x43x50 | 45x45x54 | 38.3x38.3x 56.6 |
| Weight (grams)             | 90              | 160             | 160             | 170      | 170      | 160             |

### For More Information

For more information on our products and services, kindly send an E-mail to [sales@pinnacletech.biz](mailto:sales@pinnacletech.biz)

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