

## Wide dynamic range, superior 1/3" color camera with PIXIM DPS (Digital Pixel System)



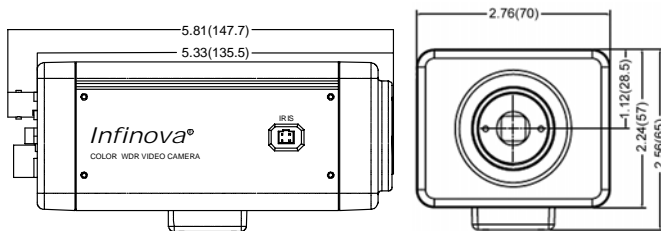
(Lens not included)

### ORDERING INFORMATION

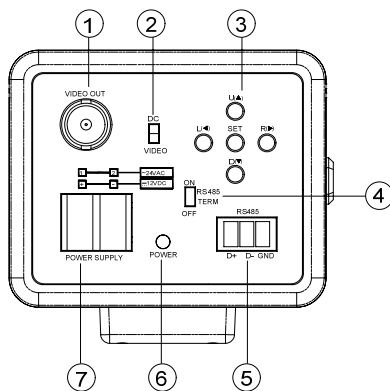
V5103-A3024 1/3" WDR Color Camera  
(PAL/NTSC, 520 TVL, 0.3 lux, 12 VDC / 24 VAC)

**Note:** Under indoor fluorescent lamp illumination, 24 VAC power input is recommended.

### DIMENSIONS (Unit: inch, in the parentheses is mm)



### BACK PANEL



- ① Video Output
- ② Auto Iris Control Mode Selection (DC or Video)
- ③ OSD Menu 4-way-joystick
- ④ RS485 Termination DIP Switch
- ⑤ RS485 Communication Connector
- ⑥ Power LED Indicator
- ⑦ Power Input (12 VDC /24 VAC)

### DESCRIPTION

Infinova's V5103 series WDR color camera features PIXIM DPS (Digital Pixel System), and 102dB (maximum 120 dB) super wide dynamic image impression. In addition, the WDR camera has decisive superiority over CCD cameras, providing higher S/N Ratio, improved color rendering and better image quality providing excellent video for various surveillance applications requiring detailed images under extremely difficult illumination conditions.

### FEATURES

- 1/3" PIXIM DPS (Digital Pixel System)
- Resolution: 520 TVL
- PAL/NTSC format selectable
- Superior color rendering, Anti-blooming
- WDR: 102 dB super wide dynamic, applicable to the locations with complicated illumination and large contrast
- OSD with menu button
- AGC menu modulation, range from 0-60
- Motion detection
- 4X digital zoom
- Image mirror

### SPECIFICATIONS

|                              |  |
|------------------------------|--|
| Image Sensor:                | PIXIM 1/3" digital image sensor                                    |
| Effective Pixels (H x V):    | 720 x 540  |
| WDR:                         | Standard 102 dB, maximum 120 dB (17 bit)                           |
| Sensitivity:                 | 0.5 lux, F1.2 (25 IRE, AGC Maximum)<br>0.3 lux (Slow shutter mode) |
| Resolution:                  | 520 TVL  |
| S/N Ratio:                   | > 52 dB (AGC OFF)  |
| OSD:                         | Yes  |
| Auto Gain Control:           | OSD menu control, High / Low / Manual setup                        |
| Backlight Compensation:      | ON/OFF   |
| Electronic Shutter:          | PAL: 1/50~1/100,000s;<br>NTSC: 1/60~1/100,000s                     |
| Digital Slow Shutter:        | 32X, 16X, 8X, 4X, 2X   |
| White Balance:               | ATW / MWB / AWB  |
| Gamma Calibration:           | 0.45   |
| Sync. System:                | Internal/External  |
| Digital Zoom:                | 4X   |
| Motion Detection:            | Yes  |
| Privacy Mask:                | 12 programable privacy masks                                       |
| Video Output:                | Composite video BNC output, 75 Ohm                                 |
| Remote Control:              | RS485 (Baud Rate: 9600 bps, Protocol: PELCO-P/D, INFINOVA)         |
| Lens Mount:                  | C/CS   |
| Auto Iris:                   | DC/ VIDEO Drive  |
| Power Supply:                | 12 VDC / 24 VAC  |
| Power Consumption:           | 4 W  |
| Operation Temperature:       | 14° F ~ 122° F (-10° C ~ 50° C)                                    |
| Humidity:                    | 10% ~ 90%, non-condensing  |
| Unit Dimensions (W x H x L): | 2.76" x 2.56" x 5.81"<br>(70 mm x 65 mm x 147.7 mm)                |
| Box Dimensions (W x H x L):  | 4.92" x 4.25" x 7.87"<br>(125 mm x 108 mm x 200 mm)                |
| Unit Weight:                 | 0.88 lbs. (0.4 kg)   |
| Shipping weight:             | 1.26 lbs. (0.57 kg)  |