

# Fixed Cameras

High-res, 550 TVL cameras



## OVERVIEW

TruVision™ 550 TVL fixed analog cameras offer excellent video quality and multiple features for a variety of surveillance applications. This comprehensive family of high-resolution, full-featured cameras includes professional IR and economy options.

Engineered for 550 TVL resolution and 0.5 lux sensitivity, TruVision economy cameras provide complete, cost-effective security. With features such as built-in IR illuminators for enhanced low light performance, in addition to easy installation and operation, TruVision cameras are well suited for a range of budgets and applications.

## STANDARD FEATURES

### Indoor Box Camera

- True day/night surveillance
- Auto-iris lens support
- DIP switch for easy configuration

### Indoor Dome Camera

- Digital day/night surveillance
- 3.6mm fixed lens

### IR Bullet Camera

- Built-in IR illuminators
- True day/night surveillance
- 3.6mm fixed lens
- IP67 rating for weather-resistant performance
- Includes bracket

### IR Turret Camera

- Built-in IR illuminators
- True day/night surveillance
- 3.6mm fixed lens
- IP66 rating for weather-resistant performance
- Omni-directional design

## Specifications

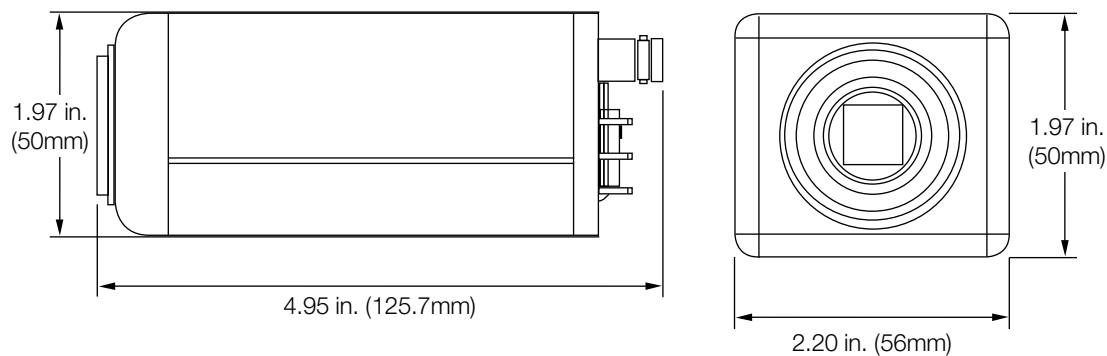
| Model                              | TVC-5120-1-N (-P)                                                                 | TVD-5110-3-N (-P)                                                                 | TVC-5125BE-3-N (-P)                                                                | TVD-5125TE-3-N (-P)                                                                 |
|------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                    |  |  |  |  |
| Pickup device                      | 1/3" CCD Sensor                                                                   | 1/3" CMOS Sensor                                                                  | 1/3" CMOS Sensor                                                                   | 1/3" CMOS Sensor                                                                    |
| Total pixels (H × V)               | NTSC: 811 × 508<br>PAL: 795 × 596                                                 | NTSC/PAL: 762 × 504                                                               | NTSC/PAL: 762 × 504                                                                | NTSC/PAL: 762 × 504                                                                 |
| Effective pixels (H × V)           | NTSC: 768 × 494<br>PAL: 752 × 582                                                 | NTSC/PAL: 728 × 488                                                               | NTSC/PAL: 728 × 488                                                                | NTSC/PAL: 728 × 488                                                                 |
| Resolution                         | 550 TVL                                                                           | 550 TVL                                                                           | 550 TVL                                                                            | 550 TVL                                                                             |
| Synchronization System             | Internal                                                                          | Internal                                                                          | Internal                                                                           | Internal                                                                            |
| Scanning Mode                      | 2:1 interlace                                                                     | 2:1 Interlace                                                                     | 2:1 Interlace                                                                      | 2:1 Interlace                                                                       |
| S/N Ratio                          | 52 dB (AGC OFF)                                                                   | >50 dB                                                                            | >50 dB                                                                             | >50 dB                                                                              |
| Electronic Shutter                 | Auto 1/60 (1/50)                                                                  | Auto 1/60 (1/50)                                                                  | Auto 1/60 (1/50)                                                                   | Auto 1/60 (1/50)                                                                    |
| Minimum Illumination               | 0.5 lux at F1.2                                                                   | 0.5 lux at F1.2                                                                   | 0 lux with IR On                                                                   | 0 lux with IR On                                                                    |
| Video Output                       | 1.0Vp-p/75ohm composite                                                           | 1.0Vp-p/75ohm composite                                                           | 1.0Vp-p/75ohm composite                                                            | 1.0Vp-p/75ohm composite                                                             |
| Lens Type                          | C/CS.DC                                                                           | 3.6 mm fixed lens                                                                 | 3.6 mm fixed lens                                                                  | 3.6 mm fixed lens                                                                   |
| IR Cut                             | Yes                                                                               | NA                                                                                | Yes                                                                                | Yes                                                                                 |
| IR Distance                        | NA                                                                                | NA                                                                                | 10 m (33 ft.)                                                                      | 10 m (33 ft.)                                                                       |
| IR Trigger                         | NA                                                                                | NA                                                                                | 7 lux ± 3 lux IR On / Off                                                          | 7 lux ±3 lux IR On / Off                                                            |
| Power Source                       | 12 VDC                                                                            | 12 VDC                                                                            | 12 VDC                                                                             | 12 VDC                                                                              |
| Current                            | 85 mA                                                                             | 50 mA                                                                             | 60 mA (IR Off)<br>175 mA (IR On)                                                   | 60 mA (IR Off)<br>180 mA (IR On)                                                    |
| Power Consumption                  | Max. 1 W                                                                          | Max. 0.6 W                                                                        | Max. 2 W                                                                           | Max. 2 W                                                                            |
| Operating Temperature              | -30 to +50°C (-22 to 122°F)                                                       | -30 to +50°C (-22 to 122°F)                                                       | -30 to +50°C (-22 to 122°F)                                                        | -30 to +50°C (-22 to 122°F)                                                         |
| Operating Temperature (cold start) | -10 to +50°C (14 to 122°F)                                                        | -10 to +50°C (14 to 122°F)                                                        | -10 to +50°C (14 to 122°F)                                                         | -10 to +50°C (14 to 122°F)                                                          |
| Dimensions                         | 4.9 x 2.2 x 2.0 in.<br>(126 x 56 x 50 mm)                                         | 3.86 x 2.34 in.<br>(99 x 60 mm)                                                   | 2.0 x 2.1 x 2.54 in.<br>(50 x 55 x 65 mm)                                          | 3.67 x 2.7 in.<br>(94 x 70 mm)                                                      |
| Weight                             | 305g (0.67 lb. )                                                                  | 135g (0.29 lb.)                                                                   | 320g (0.7 lb.)                                                                     | 320g (0.7 lb.)                                                                      |
| Weatherproof                       | Indoor                                                                            | Indoor                                                                            | IP67                                                                               | IP66                                                                                |

## Application Guide

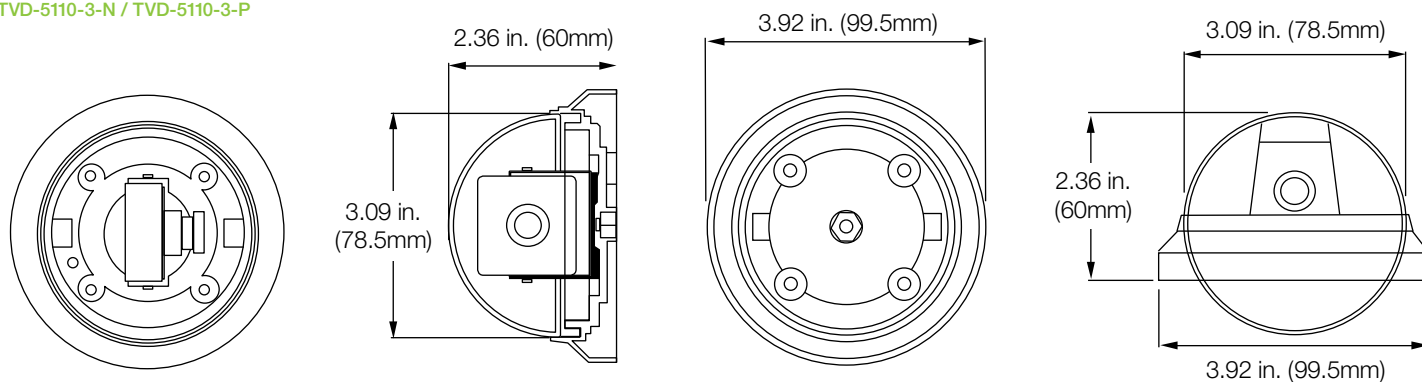
| Camera Environments | Indoor Box | Indoor Dome | IR Bullet | IR Turret |
|---------------------|------------|-------------|-----------|-----------|
| Indoor Buildings    | •          | •           | •         | •         |
| Exterior Buildings  |            |             | •         | •         |
| Retail Environments | •          | •           | •         | •         |
| Office Environments | •          | •           | •         | •         |
| Parking Garages     |            |             | •         | •         |
| Extreme Low Light   |            |             | •         | •         |

## Dimensional Diagrams

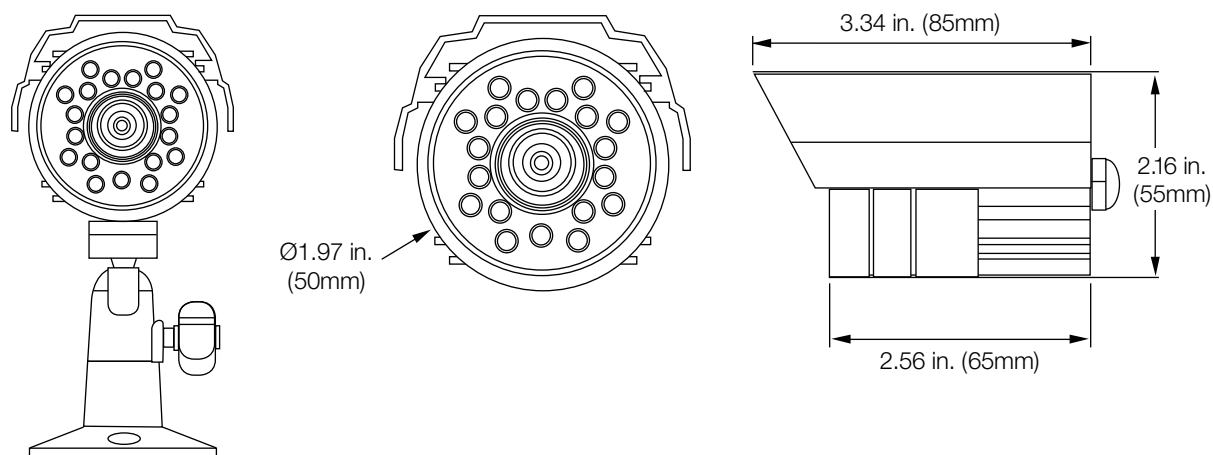
TVC-5120-1-N / TVC-5120-1-P



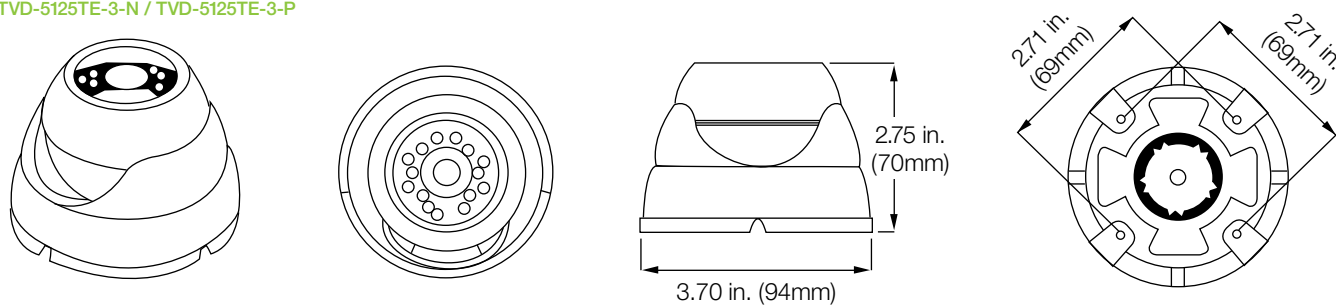
TVD-5110-3-N / TVD-5110-3-P



TVC-5125BE-3-N / TVC-5125BE-3-P



TVD-5125TE-3-N / TVD-5125TE-3-P



# Fixed Cameras

High-res, 550 TVL cameras

**North America**  
T 855-286-8889

**Asia**  
T 852-2907-8108

**Australia**  
T 61-3-9239-1200

**Europe**  
T 32-2-725-11-20

**Latin America**  
T 561-998-6114

## Ordering Information

|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| <b>TVC-5120-1-N</b>   | TruVision 550TVL Box camera, True D/N, 12VDC, NTSC                                         |
| <b>TVC-5120-1-P</b>   | TruVision 550TVL Box camera, True D/N, 12VDC, PAL                                          |
| <b>TVD-5110-3-N</b>   | TruVision 550TVL indoor dome, Digital D/N, Fixed lens 3.6mm, 12VDC, NTSC                   |
| <b>TVD-5110-3-P</b>   | TruVision 550TVL indoor dome, Digital D/N, Fixed lens 3.6mm, 12VDC, PAL                    |
| <b>TVC-5125BE-3-N</b> | TruVision 550TVL Bullet, outdoor, True D/N, IR illumination, Fixed lens 3.6mm, 12VDC, NTSC |
| <b>TVC-5125BE-3-P</b> | TruVision 550TVL Bullet, outdoor, True D/N, IR illumination, Fixed lens 3.6mm, 12VDC, PAL  |
| <b>TVD-5125TE-3-N</b> | TruVision 550TVL Turret, outdoor, True D/N, IR illumination, Fixed lens 3.6mm, 12VDC, NTSC |
| <b>TVD-5125TE-3-P</b> | TruVision 550TVL Turret, outdoor, True D/N, IR illumination, Fixed lens 3.6mm, 12VDC, PAL  |

Specifications subject to change without notice.

© 2012 Interlogix. All rights reserved.

208-3552 2012/08 (71412A)



[interlogix.com](http://interlogix.com)