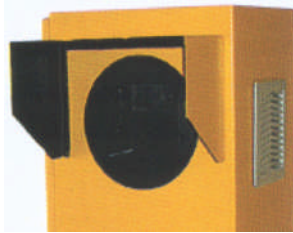




## Zamir Recognition Systems' IS4-DTE Integrated Automatic License Plate Recognition System



### Description:

The IS4-DTE is an integrated Automatic License Plate Recognition (ALPR) System containing a high-resolution camera, pulsed LED illumination, and Data Processing Unit (DPU) in an environmental enclosure designed for island surface mounting applications parallel to vehicle ingress and egress points for internal or external triggered capture, recognition, and reporting of license plates. With the optional IS4-UIC, the IS4-DTE can control up to four relays for triggering of external devices such as access gates, traffic signals, or alarms.

### Main Features:

- ✓ Integrated ALPR System (Camera, Illumination, and DPU)
- ✓ Long-Life Pulsed LED Technology
- ✓ Near-IR Illumination
- ✓ Quick System Implementation
- ✓ Integral Pan, Tilt, and Roll Camera Adjustment
- ✓ Cabling Requirements Limited to Power and Data
- ✓ Hinged Three Point Locking Door for Easy Maintenance
- ✓ COTS Components
- ✓ Zoom Lens for Quick Setup
- ✓ Filtered Air Circulation
- ✓ Plate Capture Distance to 75'

# InSignia 4 HY

## Integrated License Plate Camera/Illuminator

### Description

The InSignia 4 HY camera/illuminator is designed to capture license plate images in all lighting conditions; day or night and in all weather conditions.

The InSignia 4 HY housing meets IP67 standard for protection against moisture and dust. The integrated camera and illuminator unit is comprised of:

- high-resolution image sensor
- pulsed infra-red LED illumination system, and
- Zamir's proprietary DynaCapture<sup>®</sup> imaging unit controller

The InSignia 4 HY camera/illuminator eliminates the need for supplemental lighting and compliments the most advanced license plate capture and recognition system available, the InSignia 4 ALPR system.



### Main Features

- ✓ DynaCapture<sup>®</sup> image capture technology
- ✓ High-Resolution CCD image sensor
- ✓ Long-Life pulsed LED-based illumination system
- ✓ Near-IR illumination
- ✓ Image capture up to 82 feet (25 meters)
- ✓ Compatible with Zamir's Virtual Vehicle Detector

Technical Data	
Scanning System	
Image Device Image Sensor Synchronizing System	
Video Output Level	
Illumination	
RMS Power Consumption	
Power Supply Operating Temperature	
Relative Humidity	
Mounting	
Housing Body and Sunshade	
Front and Back Cover	
Cover UL flammability	
Dimensions Housing (with sunshade) <u>Weight</u>	
	EIA: >525 TV lines (H), 60 frames/sec, 2:1 Interlace CCIR: >550 TV lines (H), 50 frames/sec, 2:1 Interlace Interline Transfer CCD 1/3"or1/2" Internal or external 1.0 Vp-p @ 75 ohms composite 190 Pulsed IR LEDs 45W 24 V DC, Class 2 low-voltage -20°C to +50°C (-4°F to +122°F) 85% non-condensing; IP67 W-20 UNC Anodized 6063T5 aluminum Black Polyamide 12 (highest sunlight/UV protection) UL 94 HB, melting point 165°C H 5.5" (140 mm) X W 8.3" (210 mm) X L 18" (460 mm) <u>11 lbs. (5 kg)</u> <i>Specifications are subject to change without notice</i>

## Specifications:

Model	IS4-DTE
Scanning System	ETA: 525 lines, 30 Frames/Sec: 2:1 Interlace
Image Device	Interline Transfer 1/3" CCD
Synchronizing System	Internal
Resolution	600 TV Lines (H)
Video Output Level	1.0 Vp-p @ 75 ohms composite
Illumination	200 Pulsed Near-IR LEDs
Construction	11 Gauge Steel
Finish	Epoxy Paint
Cooling	80 CFM Filtered Circulation
OS	MS Windows XP Pro
CPU	Min. Intel Pentium 4 1 Ghz

Memory	Min. 256MB DDR
Storage Capacity	M . 40GB
Communication Options	10/100Mbps Ethernet (standard) RS232 (standard), RS422, Wiegand, 802.11x Wireless, GSM, CDMA, SMS Bluetooth
Interface Option	IS4-UIC 4 N/O or N/C Relays
Mounting	1/2" Cast in Place or Drilled Anchors
Environmental Conditions	-31°F to 120°F (-35° to 50° C)
Power Consumption	500 Watts
Power Supply	110-220Vac 50-60Hz
Dimensions	35-3/4" (H) x11-3/4" (W) x17-1/2" (D)
Weight	40 lbs