

SENTECH

Transit Cameras

For More Information Call
+ (972)-481-9223
Toll Free USA
1-(877)-SENTECH
(736-8324)

Over 36,000
Units Installed!

New!

For Ruggedized Environments

Designed Specifically for:

Public Transportation Vehicles

High Impact Glass Reinforced Plastic:

Includes Microphone and LED Light



Plastic Dome



Plastic Wedge



Plastic IR Wedge

High Impact Metal Casting:

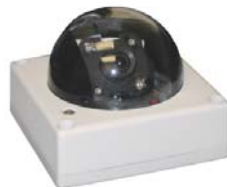
Optional Microphone and LED Light



Metal Wedge



Metal Wedge
with optional
Microphone and LED



Metal Dome

5 Configurations:

High Impact Metal Dome
High Impact Metal Wedge

High Impact Plastic Dome
High Impact Plastic Wedge
High Impact Plastic Day/Night Wedge

Durable:

These cameras are specifically designed for rough environments. Shock rated at 70 Gs. Vibration rated at 10 Gs. Supports wide temperature range.

Easy Installation:

Designed for fast, easy, low cost installation.

Color or B/W:

Cameras are available in high resolution Color or B/W.

Programmable DSP:

DSP is programmable in order to maximize performance across environmental demands of public transportation vehicles.

Small Size:

Domes: 3.5" (W) x 2.6" (H) x 3.5" (D) (89 x 66 x 89 mm)

Wedges: 3.5" (W) x 2.6" (H) x 3.5" (D) (89 x 66 x 89 mm)

IR Wedge: 3.5" (W) x 3.3" (H) x 3.5" (D) (89 x 84.8 x 89 mm)

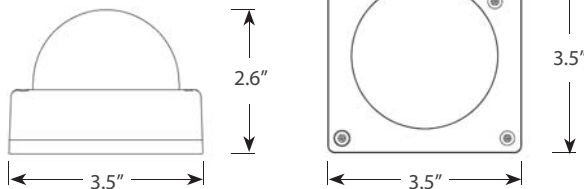
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Mechanical Drawings:

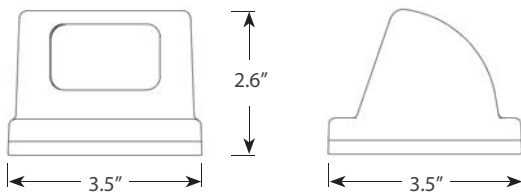
Transit Domes Configuration

Available in metal casting or glass reenforced plastic.



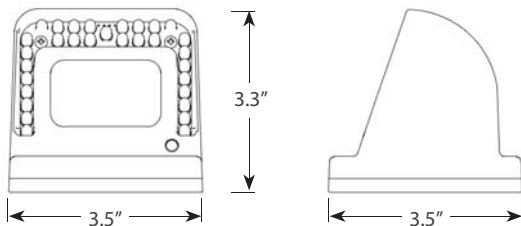
Transit Wedges Configuration

Available in metal casting or glass reenforced plastic.



Transit Wedge IR Illumination Configuration

Available in glass reenforced plastic.



Sentech's IR Illumination (Day/Night) Transit Camera

Our IR transit camera was designed specifically for the public transportation industry. It uses special IR illumination that resolve two big problems on trains or buses. First of all "hot spots" on close-up targets are almost eliminated and one unit can evenly illuminate the entire interior of a bus. The Sentech IR camera is also designed for easy installation and maintenance. We would be happy to explain these details.

SENTECH Transit Camera Specifications

Models	U.S. Standard (NTSC)	European Standard (PAL)
Image Sensor:	1/3" IT CCD Color	
Horizontal Resolution:	480 TV Lines	
Scanning Method:	2:1 Interlace	
Integration Mode:	Field	
Frame Rate:	30 fps	
Effective Picture Element:	768 (H) x 494 (V)	752 (H) x 582 (V)
Horizontal Frequency:	15.734kHz	15.625kHz
Vertical Frequency:	59.94Hz	50.00Hz
Gain:	AGC / Fixed (Software Selectable)	
S/N Ratio:	>48dB (Gain 0dB)	
Gamma:	0.45 / 1.0 (Software Selectable)	
Sync System:	Internal	
Communication:	Programmable DSP via I ² C	
Minimum Illumination:	0.17 Lux @ F1.2, AGC On, 20 IRE 0.53 Lux @ F1.2, AGC On, 50 IRE	0.14 Lux @ F1.2, AGC On, 20 IRE 0.47 Lux @ F1.2, AGC On, 50 IRE
White Balance:	Auto White Balance (Manual Via DSP)	
Electronic Shutter:	1/60 (1/50), 1/100 (1/120), 1/250, 1/500, 1/1,000, 1/2,000, 1/5,000, 1/10,000, 1/20,000, 1/50,000, 1/100,000	
Electronic Iris:	1/60 ~ 1/100,000	1/50 ~ 1/100,000
Mirror Image:	Normal / Mirror (Software or Hardware Selectable)	
Aperture (Sharpness):	On/Off (User Selectable) / Programmable	
Video Output:	1.0Vp-p, 75Ω	
Lens Mount:	Micro Lens Lock Mount	
Microphone:	Available on Select Models (Includes volume control)	
LED Indicator:	3 mode selectable: On/Off, Blinking, Steady	
Shock and Vibration:	Vibration: 10G (20 to 200Hz) Shock: 70G (3 directions, 3 times each)	
Power Supply:	+ 7V ~ +13V DC	
Power Consumption:	1.0W, 83mA at 12V	
Operating Temperature:	-10° ~ 50° C (14° F ~ 122° F)	
Storage Temperature:	-30° ~ 65° C (-22° F ~ 149° F)	