



Ultra-High 700TVL Resolution, License Plate Capture Camera

KEY FEATURES AND BENEFITS

- Designed to Capture License Plate Images with Exceptional Image Quality
- Extremely Sensitive CCD and Smart IR LED Lights provide Maximum Legibility under Headlight Glare
- 1/3" 960H Sony EXView HAD CCD II, 700TVL Resolution
- Minimum Scene Illumination 0Lux, B/W
- 10 High Power IR LED Lights, 850nm Frequency
- 5 – 50mm Vari-focal Lens
- External Zoom and Focus Adjustments
- OSD menu access with tactile programming switch
- Plate Capture Capable up to 55mph at a Distance of 16ft to 90ft
- Built-in Heater and Weather-Resistant, IP66 Rated, Housing
- Through-Mount-Wiring (TMW) for Easy and Secure Installation
- Test Monitor Cable Supplied
- 12VDC / 24VAC Dual Voltage Power Source

ORDERING INFORMATION

SCN#	Item
CLP7550I	700TVL, License Plate Capture Camera

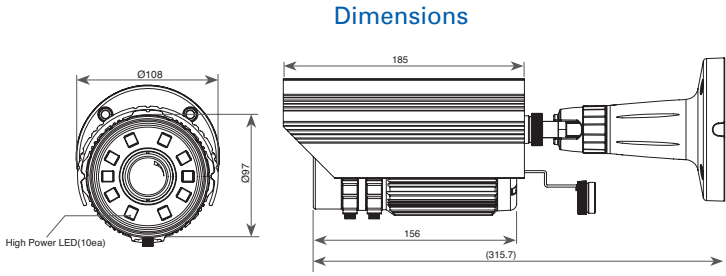


Business Solutions

Ultra-High 700TVL Resolution, License Plate Capture Camera

Product Specifications

Model	CLP7550I
Video	
Signal Format	NTSC
Image Device	1/3" 960H SONY EXview HAD CCD II
Scanning System	2 : 1 Interlace
Total Pixels	1020(H) X 508(V)
Effective Pixels	976(H) X 494(V)
Inter. H/V	15.734KHz(H), 59.94Hz(V)
H.Resolution	700TV Lines B/W
Minimum Illumination	0 Lux (IR LED ON)
S/N Ratio	More than 50dB (AGC Off)
Sync System	Internal
Gamma	$\gamma = 0.45$
Video Output	1.0 Vp-p Composite(75 Ω)
Negative Image	On / Off
Function	Focus Adjust MODE
Day & Night	B/W
Lens	5-50mm DC Drive Vari-focal lens
IR LED	850nm, High Power LED, 10EA
General	
Speed Range	Up to 55mph (88.5km/h)
Capture Distance	16ft ~ 90ft (5m ~ 28m)
Capture Angle	Maximum 30° offset
Operating Temperature	-40°F ~ 122°F (-40°C ~ +50°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ +60°C)
Power Consumption	DC DC12V($\pm 10\%$), Max 820mA (With Heater) AC AC24V($\pm 10\%$), Max 18W (With Heater)
Weight	4.1lbs (1.85kg)
Dimension (WxHxD)	4.25 x 3.8 x 6.1in (108 x 97 x 156mm)
IP Rating	IP66



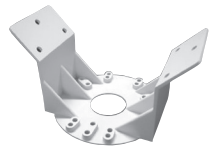
Actual Recorded Video Image of License Plate Capture Camera at Night on a Vehicle Traveling Approximately 45MPH



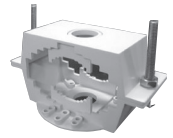
Certifications UL, FCC

Specifications subject to change without notice.

Optional Accessories
A-CM150 Corner Mount
A-CM151 Pole Mount



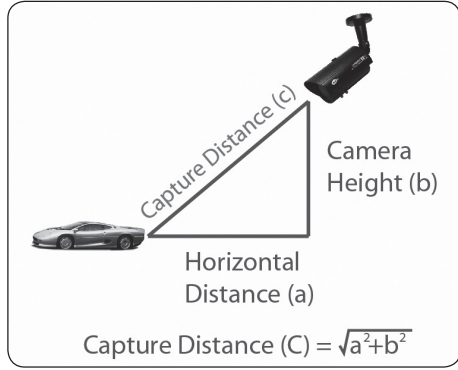
A-CM150
Corner Mount



A-CM151
Pole Mount

Camera Height

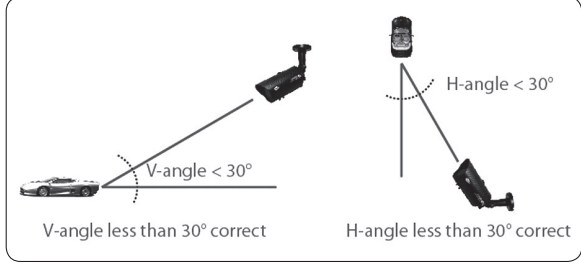
- Must consider height in distance calculation.
- Sharper angle will alter appearance of plate.



Camera Height (Ft)	Horizontal Distance(Ft)	Capture Distance(Ft)
10	10	14.14
11	20	22.83
12	30	32.31
13	40	42.06
14	50	51.92

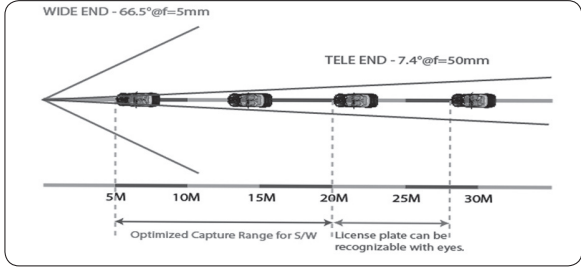
Camera Angles

- Vertical and horizontal angle must not exceed 40 degrees to get optimal view of the license plate.



Capture Zone

- Wider angle provide shorter capture distance.
- Tele angle provide longer capture distance.



For more information visit www.ADT-Matrix.com

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