



High Resolution 600TVL, 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" Sony Super HAD CCD II, 600TVL Resolution
- Minimum Scene Illumination 0Lux, B/W
- 100 IR LED Lights, 850nm Frequency
- 5 – 50mm Vari-focal Lens
- External Zoom and Focus Adjustments
- Joystick Controller for easy Access to OSD Menu
- Plate Capture Capable up to 55mph at a Distance of 16ft to 90ft
- Built-in Heater and Weather-Resistant, IP65 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
CLP5050I	High Resolution 600TVL, License Plate Capture Camera

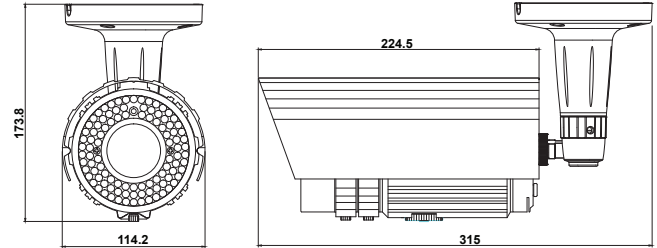
High Resolution 600TVL, License Plate Capture Camera

Product Specifications

Model	CLP5050I
Video	
Image Device	1/3" Sony Super HAD CCD II
Total Pixels	811(H) x 508(V)
Effective Pixels	768(H) x 494(V)
Inter. H/V	15.734KHz(H), 59.94Hz(V)
H.Resolution	600TV Lines
Minimum illumination	0 Lux (IR LED ON)
S/N Ratio	More than 50dB (AGC Off)
Sync System	Internal
Video Output	1.0 Vp-p Composite(75Ω)
Image Display	Black / White
Lens	5-50mm DC Drive Vari-focal lens(ICR)
IR LED	850nm, 100ea
General	
Operating Temperature	-22°F~122°F (-30°C~+50°C)
Storage Temperature	-4°F~140°F (-20°C~+60°C)
Power Consumption (with heater on)	DC12V ±10% Max 18W; AC24V + -10%, Max 28W
Weight	4.0lbs (1.8kg)
Switch function	Joystick, LED Intensity Control volume
Dimension(mm)	4.5 x 6.8 x 12.4in (114.2 x 173.8 x 315mm)
IP Rating	IP65 (Weather Proof)
Certifications	FCC

Specifications subject to change without notice.

Dimensions

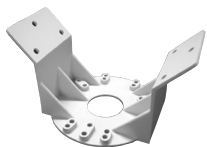


Actual Recorded Video Image of License Plate Capture Camera at Night on a Vehicle Traveling Approximately 45MPH



Optional Accessories

- A-CM150 Corner Mount
- A-CM151 Pole Mount



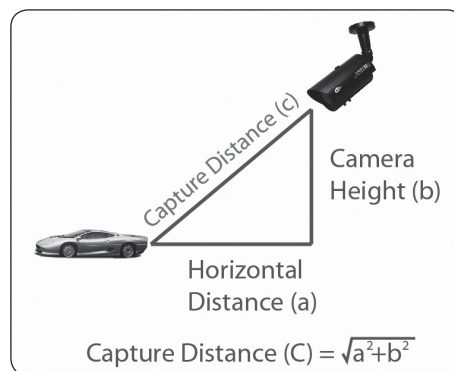
A-CM150
Corner Mount



A-CM151
Pole Mount

Camera Height

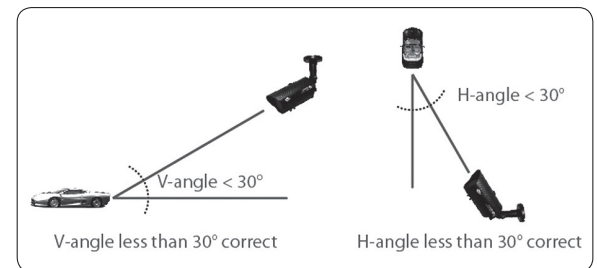
- Must consider height in distance calculation.
- Sharper angle will alter appearance of plate.



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

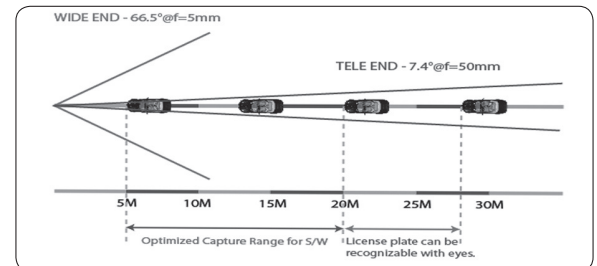
Camera Angles

- 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.Tycols-Matrix.com

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