



ADVANCED
TECHNOLOGY
VIDEO

SPECIALTY SERIES

>>>ULTRA-HIGH 700TVL RESOLUTION, LICENSE PLATE CAPTURE CAMERA

700TVL LPC CAMERA

CLP7550I



- > Designed to Capture License Plate Images with Exceptional Image Quality
- > Extremely Sensitive CCD and Smart IR 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 75mph 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

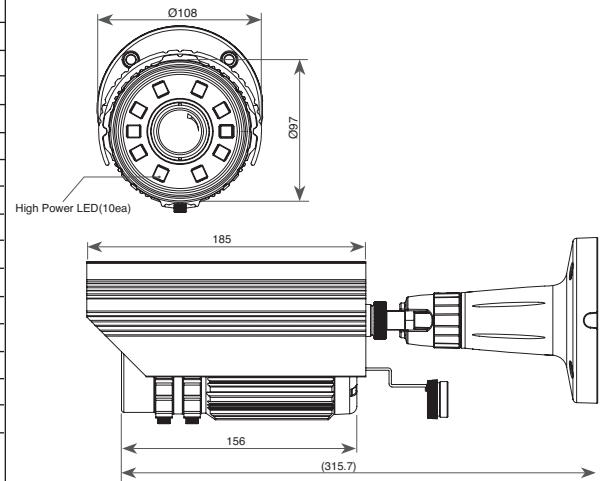
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SPECIFICATIONS

MODEL		CLP7550I
V I D E O	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
G E N E R A L	Lens	5-50mm DC Drive Vari-focal lens
	IR LED	850nm, High Power LED, 10EA
	Speed Range	Up to 75mph (120km/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 6.1 in (108 x 97 x 156mm)
	IP Rating	IP66
	Certifications	UL, FCC

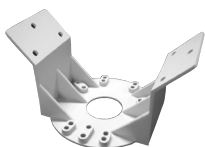
DIMENSIONS



ACTUAL RECORDED VIDEO IMAGE OF LICENSE PLATE CAPTURE AT NIGHT ON A VEHICLE TRAVELING APPROXIMATELY 40MPH

OPTIONAL ACCESSORIES

A-CM150 Corner Mount
A-CM151 Pole Mount



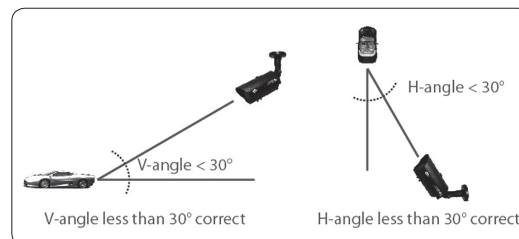
A-CM150
Corner Mount



A-CM151
Pole Mount

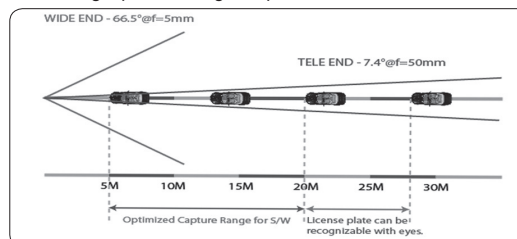
Camera Angles

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



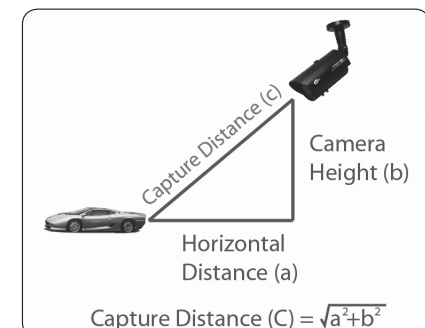
Capture Zone

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



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