

# ANPR system for Highway application

(Non Reflective License Plate)



## SPECIFICATION

ANPR camera		CPT-CD39/MF
Image sensor	Sony CCD	
Scanning system	2:1 Interlace scanning	
Scanning frequency	NTSC: Hor15,734Hz x Ver59.94Hz,60Hz Line lock PAL: Hor. 15,625Hz x Ver. 50Hz, 50Hz Line lock	
Picture elements	NTSC: 811(H) x 508(V), 525 lines 60Hz PAL: 795(H) x 596(V), 625 lines 50Hz	
Resolution	550TVL	
Sensitivity (AGC on)	0.001 Lux at F1.2	
S/N Ratio	>65dB (AGC off, AESC off, Y sig.)	
Auto Electronic shutter	1/50(60) ~ 1/100,000 second	
Manual elect. shutter	8 speed selection : 1/50(60), 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000 second	
Flicker less	START: 1/100 sec., OFF: low 1/50(60) sec.	
Back Light Compensation	256 detection area + enhanced center compenstn.	
Auto Gain Control (AGC)	Up to 65 dB = ALC + Sample 32dB + DSP 28dB	
Manual Gain Control	8 gain selection 0/6/10/12/18/22/26/28 dB	
Picture aperture	Hor. 2H, Ver. 2V Enhancement	
Synchronization	Internal	
Optional synchronization	Linelock, Genlock, HD/VD	
Video Output	1.0 Vp-p, 75ohm BNC, <b>Optional:</b> Y/C output	
Gamma	Adjustable 0.45 or 1.0	
Visible spectrum	240nm ~ 1,200nm	
Iris compatibility	Video or DC iris, <b>Positioning:</b> AV-PX adjustable	
Power voltage	DC 12~30V or AC 24V or AC 85V-AC 265V, 3W	
Power consumption	3W, <200mA	
Lens	C mounting, Varifocal 8-80mm IR corrective, DC iris	
Casing structure	Aluminum alloy, Ivory color	
Dimension & weight	62 x 62 x 130 mm, 335 g.	
Ambient Temperature	Operating: -15°C ~ +60°C, Storage: -30°C ~ +70°C	
Ambient Humidity	0 to 95% relative, non-condensing.	

ANPR IR Illuminator		CPT-SR400
Illumination distance	Long distance	
IR spectrum range	880nm (850nm ~ 900nm)	
LED Life time	MTBF: 10,000 hours	
Power consumption	AC90 ~ 260V, max. 100w	
LED amount	400 pcs SR LED	
Dimension	327W x 343H x 350L, <b>Window:</b> 210W x 190H	



### Features & Characteristic:

- \* Built in MFDN (Mechanical Filter Day & Night)  
True color & Sharp focus under IR illumination
- \* Capable to capture clearly License Plate numbers of high speed moving cars eventhough under dark.
- \* Durable system consisting a Super high light IR illuminator & High speed ANPR
- \* Solve problem of IR light deficiency
- \* Camera design for the highest effectiveness reception of IR illumination
- \* Non focus-shift & True color result to obtain the most crispy clear numbers for recognition
- \* MLD (Multi Level Detection) to surpressed against strong light and reduce overflow.
- \* HLFL (High Light Flicker Less) for auto correction against over exposure.
- \* Available with input or output synchronization device, for connection with external device.
- \* IR is prepared with capability to trigger Output signal for synchronization
- \* Following installation condit'n & procedure, capable for recognition of car speed upto 170km/hour

Specification is subject to change without prior notification. Lens shown is optional.