

Integrated IR illuminator LPC camera

CPT-SHR100

960H 700TVL lines **Effio™** 

SPECIFICATION

LPC Camera	model : CPT-SHR100
image sensor	Sony Effio 1/3" Exview HAD II Color CCD
format system	2 : 1 interlace
format frequency	NTSC: Hor. 15,734Hz x Ver. 59.94Hz, 525Lines PAL: Hor. 15,625Hz x Ver. 50Hz, 625Lines
picture elements	NTSC: Total1028H x 508V, Effective1028H x 494V PAL: Total1028H x 596V, Effective1028H x 582V
sensitivity	0.001 Lux at F1.2, 0 Lux under IR illumination
synchronization	Internal
resolution	CVBS : NTSC 700TVL, PAL 730TVL
s/n ratio	>65dB (AGC off, AESC off, Y sig.)
video output	2 output , 1.0Vp-p , 75Ω , BNC x 2
electronic shutter	AE : 1/50(60)~1/100,000 , MF : 8 steps
picture aperture	Hor. : 2H , Ver. : 2V
dsp processor	16 Bit 256 word, 10 bit (A/D) · 10bit (D/A)
visible spectrum	240nm ~ 1,200nm
white balance	AWB auto white balance : 1800°K ~ 18000°K ATW auto tracking white balance : 2500°K ~ 9500°K
gain control	AGC auto gain control : 0 ~ 36dB MGC manual gain : 4/ 6/ 10/ 14/ 18/ 22/ 26/ 32dB


Optical Lens : 10X Zoom

optical Lens	10X, 3 Megapixel quality, 5~50mm / F1.4, 55°~ 6°
split windows	LED illuminator is separate optical lens and camera
reverse tunnel	special coated to avoid dust and water adhesion

Infra Red illuminator : 30 Meter

IR spectrum	Infra red SHR LED 850nm (840nm ~ 860nm)
IR distance	30meter, 12° angle
triggering synchronous	acceptable RS485 control, synchronize external lighting
Light sensor	photo sensor CDS at 10±5Lux auto or sync. for linking

General

casing structure	aluminum alloy , ivory color
power consumption	AC90V ~ AC264V , camera & IR LED : 32W
ambient temperature	operating: -15℃~+60℃, storage: -30℃~+70℃
ambient humidity	0 to 95% relative, non-condensing
dimension	159(W) × 172(H) × 435(L)-457(L) mm , 4.6Kg
safety	IP-68 



swivel and bracket not include

Feature

- * LPC camera, integrated high power IR LED 30meter illuminator 3Megapixel quality 5~50mm optical lens.
- * Reverse pressure tunnel, avoid dust & water adhesion.
- * Split optical lens, avoid IR reflection against.
- * DSP and micro CPU to integrated all system.
- * Double sun-shied and weather proof IP-68 grade.
- * Best for road, park to identification car number.

model and description

model : CPT-SHR100-ac-t

ac : 24 = AC24V , 50Hz/60Hz

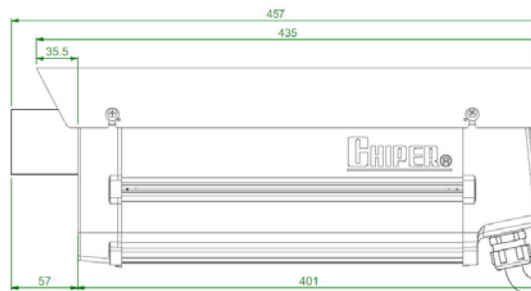
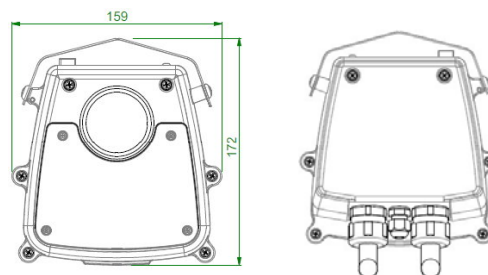
ac : 110 or 220 = AC110V~AC220V, 50Hz/60Hz

t : omit or built in thermal sensor and heater

* bracket : CPT-BK702-7 series

* swivel : CPT-BK250-22 series

diagram and dimension



model : CPT-SHR100

Specification is subject to change without prior notification.