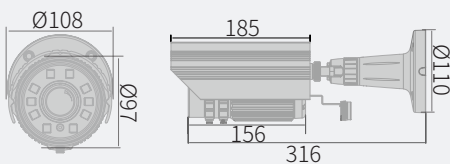


## LPR Camera

# KPC-LP851U

- 1/3" 960H SONY EXview HAD CCD II
- LPR Speed Range: Up to 120 km/h (75 mph)
- Varifocal Lens
- Capture Distance Range : 4.8 - 27 m (16 - 91 ft.)
- IP66
- 12VDC Max. 550mA



# Features

## KPC-LP851U

1/3" 960H SONY EXview HAD CCD

LPR Speed Range: Up to 120 km/h (75 mph)

Varifocal Lens

Capture Distance Range : 4.8 - 27 m (16 - 91 ft.)

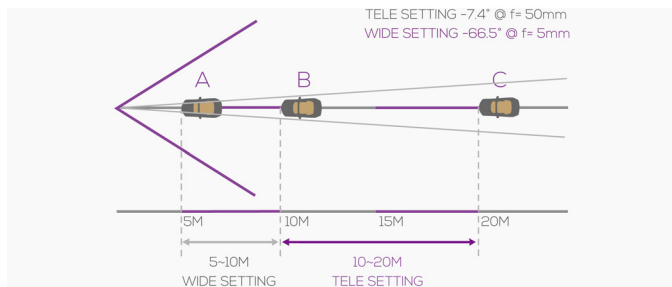
IP66

12VDC Max. 550mA



## License Plate Recognition

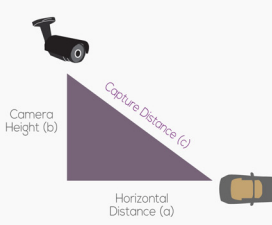
License plate recognition (LPR) cameras are designed to read and capture license plates. Since non-LPR cameras are not designed for license plate capturing, LPR cameras are better suited for this purpose. LPR technology allows users to optimize surveillance in a wide range of situations.



## Capture Zone

By narrowing the angle, users can enjoy longer capture distance.

Height (M)	Distance (M)	Capture Distance
3	4	5
6	8	10
9	12	15
12	16	20
15	20	25

A diagram showing a camera mounted at a height 'b' (Camera Height) and a car at a horizontal distance 'a' (Horizontal Distance). The capture distance 'c' (Capture Distance) is the hypotenuse of a right triangle formed by 'a' and 'b'.

## Camera Height

Capture distance (C) =  $\sqrt{a^2 + b^2}$



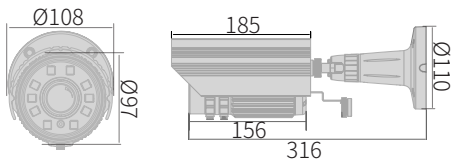
## IP66

Ingress Protection (IP) rating defines protection against solid objects and liquid on a 0-6 and 0-8 scale. IP66 housing means it's dust-tight and protected against strong jet-water.

LPR Camera

# KPC-LP851U

## Dimensions



## Specifications

Image Sensor	1/3" 960H SONY EXview HAD CCD II
Max. Video Resolution	750TVL
Lens	f=5-50mm
FOV	f=5-50mm (65.3°-8.1°)
F-Stop	f=5-50mm (F1.4)
Minimum Illumination	0 Lux (with IR LED on)
S/N Ratio	>50 dB (AGC off)
Shutter Speed	1/250 s - 1/100,000 s
IR LED	10 Integrated Hi-Power LEDs (850nm)
LPR Speed Range	Up to 120 km/h (75 mph)
Capture Distance	4.8 - 27 m (16 - 91 ft.)
Capture Angle	Max. 30° offset
Reflective Plate	-
Non-reflective Plate	-
BLC	-
DSS	-
AGC	-

Other Function(s)	-
Video Mode	Installation / License Plate
Freeze Time	-
Negative Image	On / Off
OSD control	Built-in OSD Controller
OSD Language	ENGLISH
Video Output(Main)	CVBS
Video Output(Service)	CVBS
Housing Material	Aluminium
IP Rating	IP66
Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Max. Power Consumption	12VDC 550mA 12VDC 1500mA (Heater On) 24VAC 8W / 12VDC 600mA 24VAC 18W / 12VDC 820mA (Heater On)
Dimensions (W x H x D mm)	Ø97 x 156
Weight	Approx. 1850 g (4.08 lbs)

## Ordering Information

KPC-LP851U (Not all combinations are possible)

Signal Type	Voltage	Video Cable	Silk Printing
NTSC	12VDC Only	BNC	KT&C-printed
PAL	Dual (24VAC/12VDC)	Terminal Block	OEM-printed Non-printed