

EL-ID1 (The Identifier Series)

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Description

IC Realtime has developed the EL-ID1 camera, the most advanced license plate camera currently available on the market.

The EL-ID1 is capable of capturing licence plates of vehicles entering and exiting facilities at speeds of up to 30mph, from a range of between 5 – 10 meters.

Built-in infrared (IR) Light Emitting Diodes (LED's) provide illumination that enables licence plate capture images under any lighting conditions.

The cameras intelligent saturation technology eliminates motion blur and headlight / sunlight glare providing quality high-contrast images.

The EL-ID1 provides for the identification of front and rear license plates irrespective of the weather or lighting conditions.

The EL-ID1 can be employed as a far more cost effective efficient solution than the conventional and much more expensive license plate cameras without sacrificing image capture quality.

Specifications

SPECIFICATION	EL-ID1
Parameter	1/3" IDX B/W CCD (License Plate Capture Camera)
Image Sensor	1/3" IDX B/W CCD
Effective Pixels	NTSC : 768(H) x 494(V)
H.Resolution	600 TV Lines
Synchronizing system	Internal
Scanning system	NTSC 525 lines - 2:1 Interlaced
Video output	1.0Vp-p Composite. 75 ohms
S/N ratio	Greater than 50dB (AGC off)
Min. Illumination	0 Lux at F2.0 (IR ON)
Shutter Speed	1/1000 sec
Gamma correction	Standard r=0.45
Smear Effect	0.005%
Power Source	DC24V/AC24V
Operating Current	Max. 350mA at 24VDC / Max. 300mA at 24VAC
Lens	16mm fixed omni-focus lens (multi-focusing)
IR Spectrum	850nm
Viewable distance	More than 16 feet in zero light
MTBF of IR	20,000 hours
Operating Temperature	14°F ~ 122°F (-10°C ~ +50°C)
Humidity	Within 90% RH
IP rating	67
Measurement (mm)	112(W) x 121(V) x 287(L)
Weight (Approx. g)	900

