

MiniWalzCAM is a cost effective, rugged number plate recognition camera combining camera, lens, lighting, filter, housing and bracketry, in a single calibrated and tested unit.

The MiniWalzCAM is ideal for parking and slow speed traffic monitoring.



Camera, lens, lighting,  
filter in one compact housing

IP or Analogue version

Works for up 5 meters – 17 feet distance

Vehicles max speed 25 km/h – 15 mph

90 IR LED

Wavelength 850 nm  
(950 nm possible)

**MiniWalzCAM:**  
cost effective and  
compact license plate  
recognition camera  
designed for slow speed  
traffic monitoring

**MiniWalzCAM**, is a rugged number plate recognition camera combining camera, lens, lighting, filter, housing and bracketry, in a single calibrated and tested unit. Clients can choose between the IP version of the **MiniWalzCAM** and the Analogue camera version. The recognition processor is external to the camera.

The **MiniWalzCAM** plate capturing range is up a maximum distance of 5 meters, 17 feet. The camera can handle speeds from 1 to 25 km/h (1 to 15 mph), making it ideal for parking and slow speed traffic monitoring

The camera comprises a high resolution monochrome CCD camera with high sensitivity in the infra-red, surrounded by 90 IR LEDs.

Each unit incorporates:

- Integral monochrome camera module, with lens and optical band-pass filter
- Integral infrared (IR) light emitting diode
- (LED) illuminator which compensates for sunlight and vehicle headlights
- Compact camera housing with bracket

The unit is environmentally sealed to IP67 to protect against all weather conditions. The LED illuminator used in the WalzCAM have been assessed to Safety Standards IEC 60825-1:1993 Amendment 2 dated 2001-01 and BS EN 60825-1:1994, with Amendments 1 and 2





Standard IR camera

MiniWalzCAM

**Technical Specifications:**

|                      |  |                                 |
|----------------------|--|---------------------------------|
| Range                | 5 meters / 17 feet   |                                 |
| Max Speed            | 25 km/h - 15 mph   |                                 |
| Number of LED        | 90   |                                 |
| Wavelength           | 850 nm   |                                 |
| Safety Standard      | LEDs have been assessed to Safety Standards IEC 60825-1:1993 Amendment 2 dated 2001-01 and BS EN 60825-1:1994, with Amendments 1 and 2 |                                 |
| Sunshield            | Integrated   |                                 |
| Lens                 | Manual Iris – 1/3" Varifocal – 6/15 mm F1.6  |                                 |
| Signal system        | PAL  | NTSC                            |
| IR Camera Sensor     | 1/3" Exview CCD PAL:1024H*596V   | 1/3" Exview CCD NTSC:1028H*508V |
| Resolution           | 680 TVL  |                                 |
| Minimum illumination | 0.0001Lux / F1.0   |                                 |
| Wide Dynamic Range   | ATR Digital  |                                 |
| Sync System          | Internal   |                                 |
| S/N Ratio            | More than 52 dB  |                                 |
| Electronic Shutter   | Manual: 1/50(60) to 1/10 sec   |                                 |
| Video output         | 1.0Vp-p (75 Ω BNC)   |                                 |
| Power Supply         | 12 volts DC / 3 Amp  |                                 |
| IP rate              | IP67 according with EN 60529   |                                 |
| Dimensions in mm     | 100 x 140 mm - 3,9 x 5,5 inches  |                                 |
| Weight               | 1 Kg   |                                 |
| Temp range           | +55 °C / -20°C   |                                 |
| Housing              | Die-cast aluminium   |                                 |
| Bracket              | WalzCAM bracket, wall and pole mount available on request  |                                 |

Order code:

| Camera Model   | Max Distance             | Colour / Mono | Analogue / IP |
|----------------|--------------------------|---------------|---------------|
| MiniWalzCAM    | Up to 5 meters / 17 feet | Mono          | Analogue      |
| MiniWalzCAM IP | Up to 5 meters / 17 feet | Mono          | IP            |

All the distances quoted refer to standard UK number plates which are retro-reflective. The distances for other Nationality plates may differ according to the size and reflectivity of the plate - but Intertraff will be happy to advise on the suitability of MiniWalzCAM for your specific scheme.

Founded in 1998 and based in Italy, Intertraff is a leading developer and manufacturer of high performance license plate recognition software and cameras as well as digital speed and red light cameras used worldwide for traffic management, surveillance and enforcement applications.

Intertraff has a branch office in Novosibirsk Siberia and a subsidiary in New York US.

**intertraff**

Technology You Can Trust

To learn more about our product offering, please visit [www.intertraff.com](http://www.intertraff.com) or send and email to [info@intertraff.com](mailto:info@intertraff.com)