

Traffic Monitoring

WalzCAM™: License plate recognition cameras



Innovative Plate
Recognition Cameras
for
monitoring
multiple lanes
of
traffic

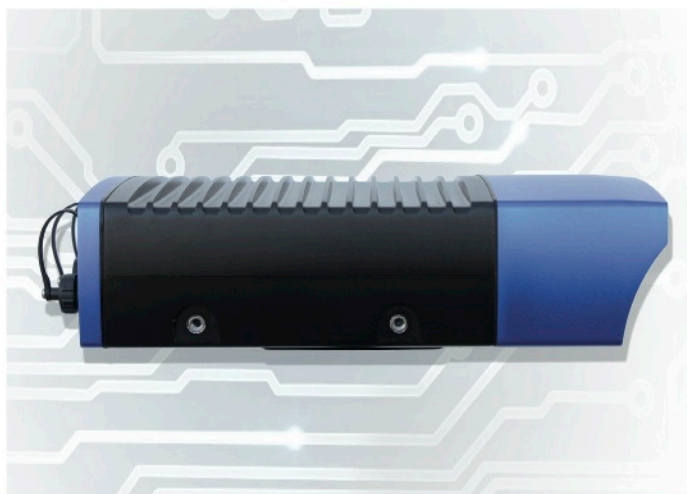
intertraff

To accurately read a license plate, it is crucial to have the best image of the license plate for the read to work on. Employing conventional security or surveillance cameras for number plate capturing, will give good results under ideal conditions of diffuse sunlight. There are however other conditions that cause a severe degradation of image quality and a consequent reduction in accuracy. Such conditions include:

- Headlight or brake lights dazzles the camera
- Strong sunlight dazzles the camera or put the license plate in the shade
- Strong reflections cause glint
- Rain or other environmental conditions can obscure the view

Intertraff has developed **WalzCAM**, to ensure that the image is clear and bright, even under adverse conditions.

We currently offer two different models:



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

To learn more about our product offering, please visit www.intertraff.com or send an email to info@intertraff.com

*Intertraff is an Italtraff srl company

• **WalzCAM HD**

The camera is built around a 1.3 Megapixel resolution monochrome CCD sensor, with high sensitivity in the infra-red and four IR illuminators. It is also possible to install a colour camera in the same housing. This camera model is especially suitable for mobile license plate recognition, where one or more cameras are installed on the roof of the vehicle.

• **SuperWalzCAM**

This is a stand-alone, rugged, Microsoft Windows based vehicle license plate recognition camera, combining license plate recognizer, camera, lens, lighting, filter, housing and an opto-isolated solid-state relay for barrier operation, in a single calibrated and tested unit. A colour overview camera can be installed in the same housing. SuperWalzCAM can handle any speed, and capture a license plate at 30 meters distance, making it ideal for application ranging from parking to high speed traffic monitoring.

Key Features:

- 1.3 MegaPixel resolutions
- Uncompressed video formats
- Works up 30 meters / 98 feet distance
- Mono & Colour camera in the same housing
- Vehicles max speed 200 km/h - 125 mph
- White or Infrared LED

WalzCAM can be supplied with or without Intertraff ANPR Engine SDK which is a set of software development tools that allows application developers to integrate our Automatic Number Plate Recognition (ANPR / LPR) technology in their software applications.

The ANPR Engine SDK contains the Plate Recognition Engine (DLL), functions Library (Visual Basic 6, VB.net, C#, Delphi, C++, Java), tutorial and sample programs source code.

Intertraff ANPR Engine supports 90 countries and it reads arabic license plates as well as two row license plates. The Engine is optimized for Intel processors and runs on Microsoft O/S (Win 8 and Win10).