

GAT SR 950

License plate camera for vehicle access control

FACTS AT A GLANCE

- All-in-one license plate camera
- Barrier-controlled and free-flow applications
- High accuracy day and night, even in sunlight
- Excellent reading range of up to 10 m (33 ft)
- Integration of anti-pass-back for pool management
- Supports RS485, Wiegand and Ethernet interfaces
- REST API for seamless integration with GAT ACE 7000
- Simple setup via web server
- Easy to install with included mounting bracket



The GAT SR 950 is an all-in-one camera with integrated software, evaluation unit and IR illuminator. With a long reading range of 2 to 10 m (6.6 to 32.8 ft), this state-of-the-art camera enables fast vehicle detection to maintain traffic flow.

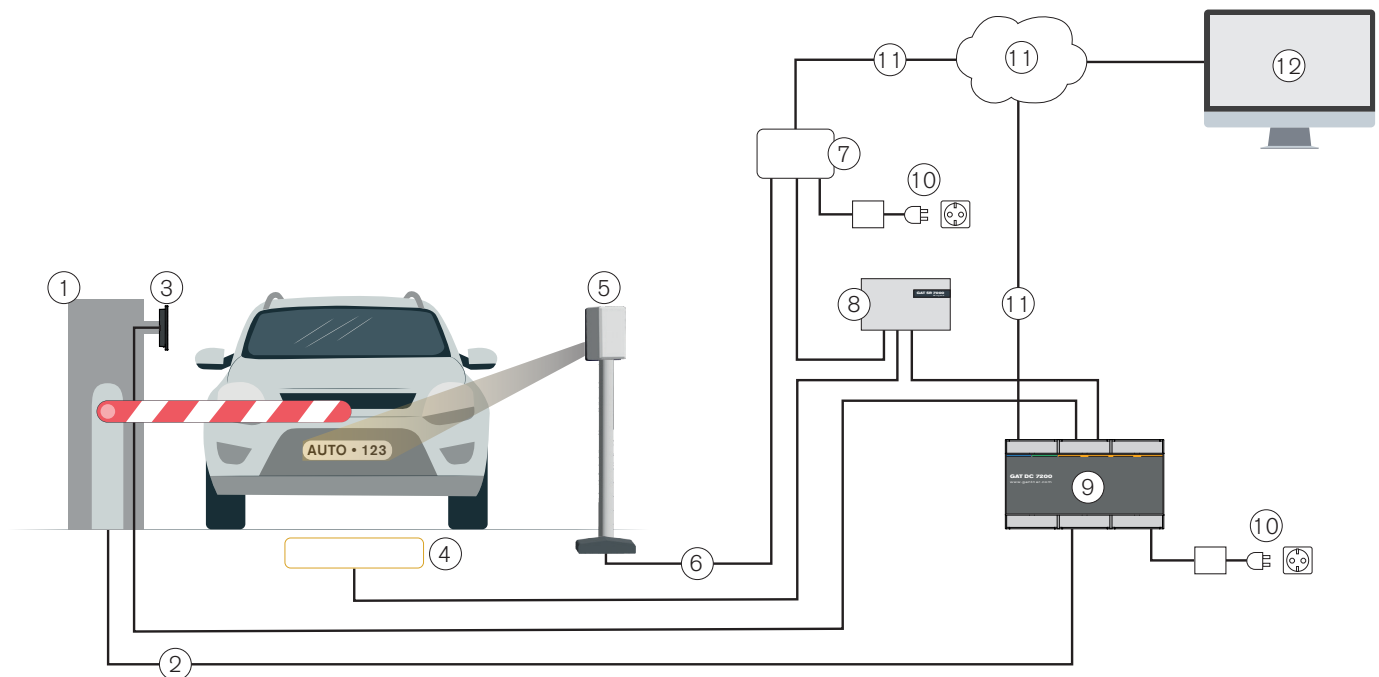
Typical applications include access control combined with master data pool management. The licence plate camera is the perfect solution when vehicles are to be managed conveniently via the access system.

Deep-learning algorithms give the GAT SR 950 high accuracy in regions with common number plate formats, such as in Europe. The scanned number plates are converted into Wiegand ID strings and seamlessly sent to the access controller via the Wiegand interface.

Thanks to its open platform, the GAT SR 950 can be seamlessly integrated into the GAT ACE 7000 access management software. The management of vehicle registration numbers can be conveniently entered into the GAT Matrix access software.



Typical application

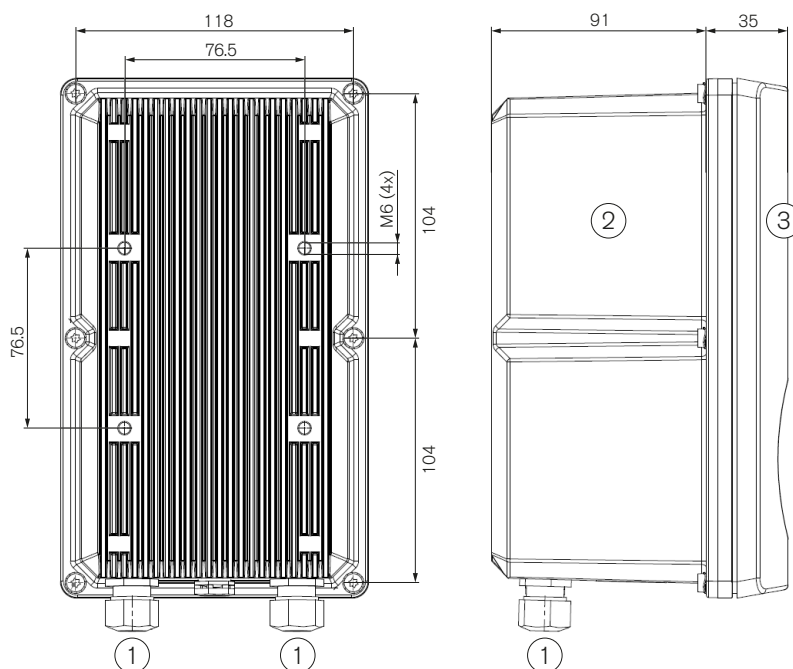


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| 1 Access gate | 7 Connection box |
| 2 Gate control | 8 GAT SR 7000 Wiegand |
| 3 RFID reader (optional) | 9 Door controller (e.g. GAT DC 7200) |
| 4 Relay contact induction loop | 10 .. Power supply |
| 5 GAT SR 950 license plate reader | 11 .. Network |
| 6 GAT SR 950 cabling | 12 .. Access management software (e.g. GAT Matrix) |

Device features and dimensions

Rear view

Side view



- 1 Cable entry
- 2 Housing
- 3 Cover

All measurements in mm

Order information

Description	Part No.
GAT SR 950 All-in-one license plate camera, with TCP/IP, RS-485 and Wiegand interfaces, IP 65	1105806
GAT SR 7000 Wiegand Interface for connecting Wiegand and Omron devices to the GAT DC 7xxx door controllers, one relay output and two digital inputs for door control and monitoring	693531

Technical data

Power supply:	24 V DC +10% linear supply recommended or PoE PoE (802.3af) or PoE+ (802.3at)
Power consumption:	8 Watt
Read range:	Distance: 2 to 10 m (6.5 to 33 ft) Width: Up to 3.5 m (11.5 ft)
Supported license plates:	IR reflective number plates, (non)standardized license plates, ADR HIN
Camera optics:	12 mm (½ in)
Image sensing resolution:	1/1.8" CMOS sensor, 1280 x 1024 pixel, SXGA
Camera illuminator:	IR850 nm
Communication interfaces:	1 line half duplex selectable baud rate, cable distance 1200 m (3937 ft) 10/100 Mbps, TCP, UDP, FTP, HTTP, DHCP Wiegand 26 SHA1, Wiegand 64, Custom Wiegand, OSDP v2, include secure channel
Relay output:	2 relay outputs
Input:	2 digital inputs (opto-isolated)
Output:	Read results from number plates and/or images taken by the camera
Cable specifications:	Network (Cat 5E) Power + IO: (LiCY) 8 x 2 x 0.14 mm ²
Cable length:	Network: 5 m (16.4 ft) Power + IO: 5 m (16.4 ft)
Data message customization:	RESTful interface (API) and String syntax fully configurable for integration with access control systems and third-party software
Storage:	10 GB
Dimensions:	221 x 131 x 126 mm (8.7 x 5.2 x 5 in)
Weight:	2.5 kg (5.5 lbs)
Material:	Housing: Silafont 3 die-casting Cover: HIBS
Color:	Housing: RAL 9006 Cover: RAL 5011
Included accessories:	Pole/wall mounting kit included
Operating temperature:	-20 to +55°C (-4 to +131°F)
Storage temperature:	-30 to +55°C (-22 to +131°F)
Relative humidity:	10% to 93% relative humidity, non-condensing
Protection class:	IP 65
Environment class (VdS 2110):	IV (outdoor conditions)
Compliance:	CE, UKCA and UL