

GAT SR 7000 Wiegand

Door controller interface with reader connectivity

FACTS AT A GLANCE

- Multi-technology capability - for all popular reader technologies and interfaces
- “Plug&Play PLUS” function for simplified commissioning
- Digital inputs and outputs for simple door cabling
- Allows the control of several doors per controller
- 1 relay output and 2 status inputs for door control and monitoring
- Convenient RJ45 connector for the RS-485 interface
- Integration with Gantner access control software
- Easy wall mounting



Gantner systems stand for investment protection and modular expandability. With the GAT SR 7000 Wiegand, Gantner provides an interface module that enables communication between the multifunctional GAT DC 7200 door controller and external readers. Thanks to the GAT SR 7000 Wiegand, different types of interfaces (Wiegand, Omron, etc.) and technologies (125 kHz, 13.56 MHz, long range, vehicle identification, magnetic strip, etc.) can communicate with Gantner's innovative door controller and thereby integrate into the Gantner system.

In addition to the reader connection, the interface is also equipped with digital inputs and outputs to provide simplified door cabling and the control of multiple doors per controller.

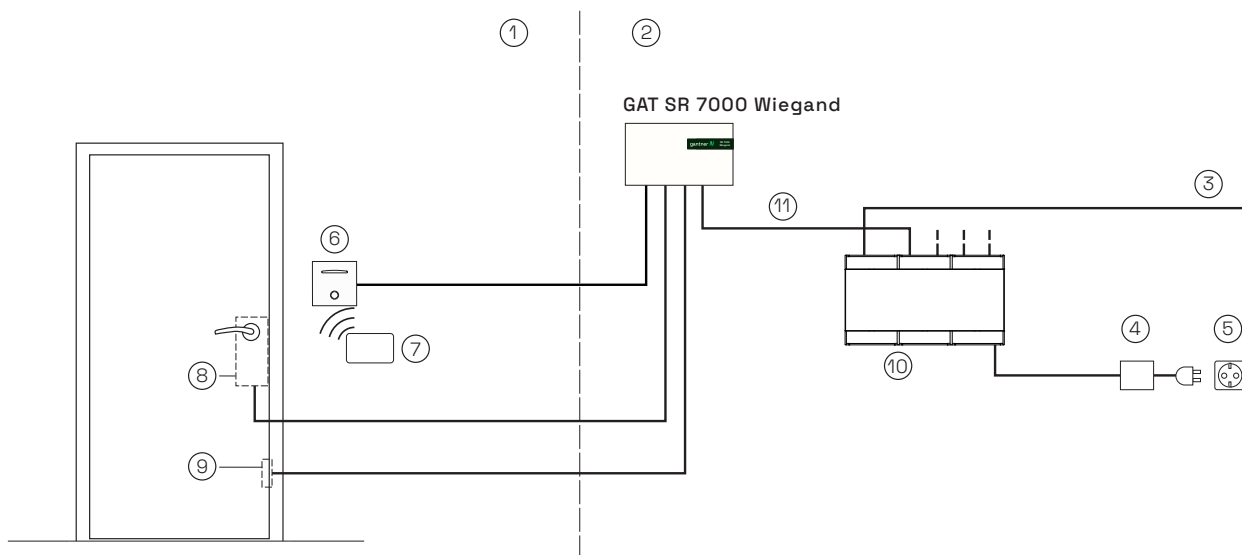
The GAT SR 7000 Wiegand interface module allows existing access system hardware to integrate effortlessly with Gantner's innovative access control solutions thereby ensuring that previous investments in infrastructure remain viable.



Order information

Description	Part No.
GAT SR 7000 Wiegand	693531
Interface for connecting Wiegand or Omron reader at the door controller series GAT DC 7xxx, relay output and two digital inputs for door control and monitoring available	
Frontfolie GAT SR 7000 Wiegand	666228
Front label for covering the mounting screw (1 piece is included in the scope of supply)	

Typical application

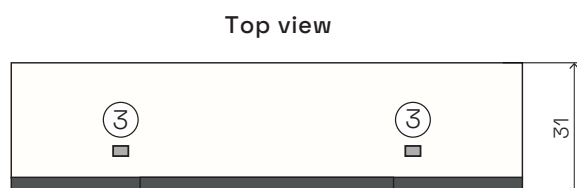
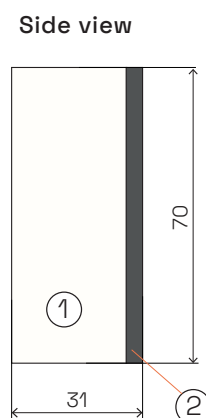
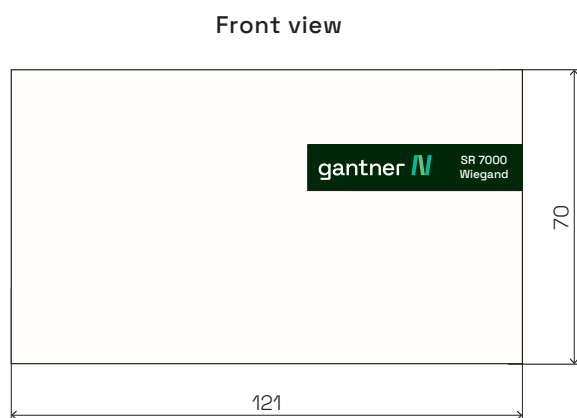


1. Unsecured area
2. Secured area
3. Network
4. Power supply
5. Mains power outlet
6. External reader
7. RFID data carrier
8. Electronic lock
9. Door contact
10. GAT DC 7200 door controller
11. RS-485 + power supply

Technical data

Nominal voltage:	DC 12 / 24 V (LPS and SELV)
Aver. power consumption:	max. 2 W
Power supply for readers	
- DC +5 V:	DC voltage 5 V, max. 200 mA
- VIN+:	Power supply of the GAT SR 7000 Wiegand (depending on controller), max. 800 mA
Programming interface	
- GAT SR 7000 Wiegand:	serial RS-485
- GAT SR 7000 Wiegand RS232:	serial RS-232
Reader interface:	- Wiegand - Omron
Connection:	- RJ45 connector - Screw terminals
Signal inputs/outputs:	- 2 x optocoupler inputs (function configurable) - 1 x relay outputs (function configurable)
Housing:	Plastic
Weight:	approx. 125 g
Protection type:	IP30
Environment class (VdS 2110):	II (indoor conditions)
Compliance:	CE

Device features and dimensions



1. Top housing part
2. Rear housing part
3. Tabs to join housing parts

Measurements in mm