

GAT Writer 5350 BA Read/Write Station LEGIC® Advant

Application

The compact GAT Writer 5350 BA read/write station with LEGIC® Advant technology provides a user-friendly, contactless solution for reading and writing information to LEGIC® Prime and LEGIC® Advant data carriers. The GAT Writer 5350 BA can also read the unique numbers of MIFARE® and ISO 15693 data carriers.

The RFID reading platform is designed to accommodate data carrier media of various shapes and sizes.



Functional description

The GAT Writer 5350 BA connects to a computer via USB interface. Power for the station is supplied by the computer through the USB connection. An additional power supply is not required.

A high-security encryption, based on the open industry standard AES, DES/3DES algorithm, can be selected to operate between the GAT Writer 5350 BA and the computer and also between the GAT Writer 5350 BA and the RFID data carriers. This encryption process ensures data transmission is secure and also guaranteed for applications such as PC security solutions, etc.

The data carrier reading area can accommodate a wide range of data carrier media. The station is also equipped with a card slot designed to hold RFID cards of ISO standard size.

Highlights

- LEGIC® Advant technology
- Reading and writing of LEGIC® data carriers
- Able to read unique numbers of MIFARE® Classic, DESFire® and Ultralight® data carriers (manufacturer: NXP/Infineon)
- Able to read unique numbers of ISO 15693 data carriers
- AES, DES/3DES encryption
- USB interface
- Compact desktop housing
- Two LEDs for status signalling (1 x red, 1 x green)
- Beeper

Order information

Description	Part No.
GAT Writer 5350 BA	637280
LEGIC® Advant read/write station, including 3m USB cable and driver software	

Accessories

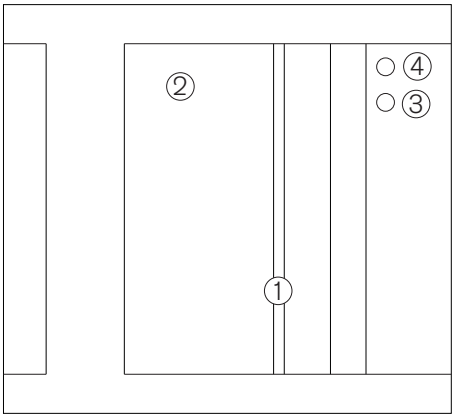
Description	Part No.
USB Cable	783788
3m connection cable for computer, type A to B	

Technical data

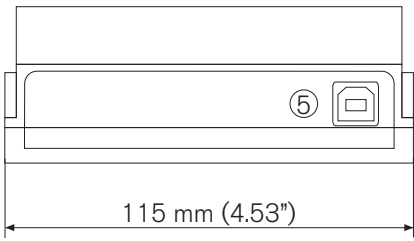
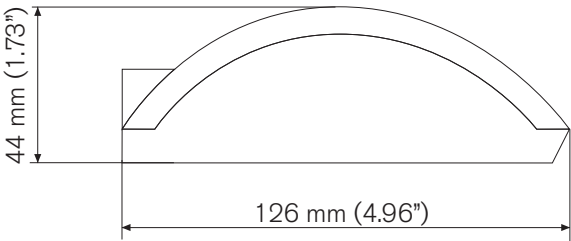
Power supply:	via USB interface
Nominal voltage U _{DC} :	5 V
Power consumption:	max. 300 mA
Reader type:	LEGIC® Advant
Frequency of reading field:	13.56 MHz
Connection:	USB - Type B socket
Communication interface:	USB - Version 1.1
Display elements:	- 2 status LEDs (red and green) - Acoustic signal

Housing material:	Plastic ABS
Dimensions:	126 x 115 x 44 mm (4.96 x 4.53 x 1.73 inches)
Permitted ambient temperature:	0 to +60°C
Protection type:	IP 40
Protection class:	III
Weight:	175 g
Environment class based on VDS 2110:	I (conditions in indoor areas)

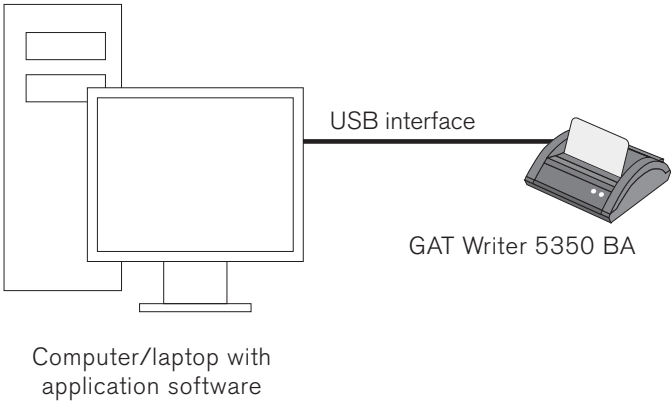
Dimensions



- 1. Card slot
- 2. Recess for data carriers
- 3. LED "red"
- 4. LED "green"
- 5. USB connection

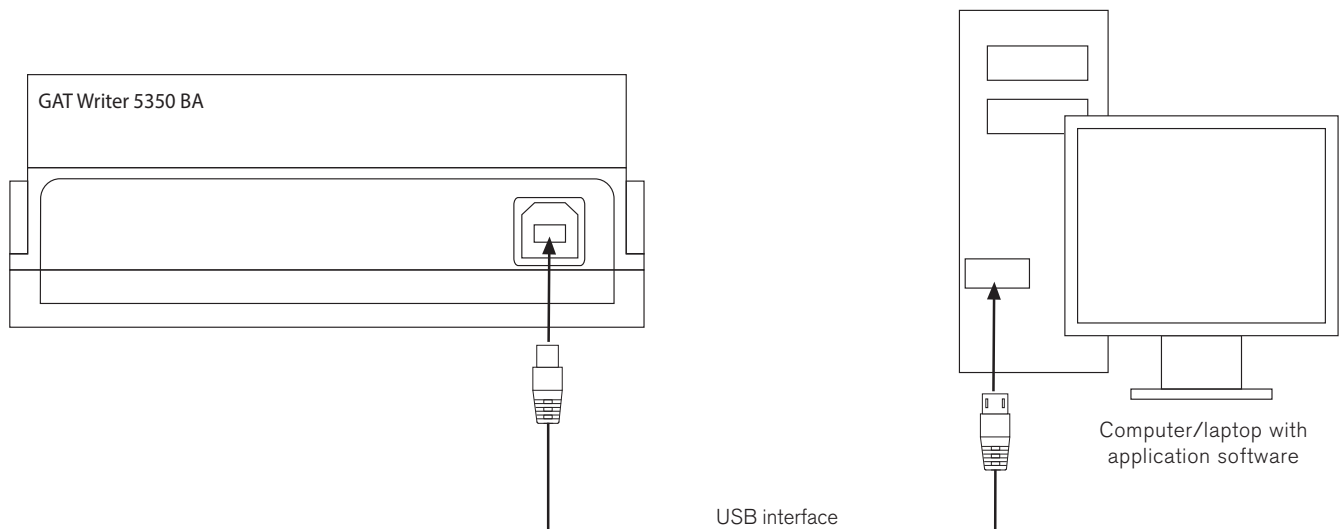


Typical application



Electrical connection

Computer connection and power via USB



Interface connection

The GAT Writer 5350 BA is connected to a computer via the USB interface located on the rear side of the device. Power for the GAT Writer 5350 BA is also supplied through this interface. A 3m USB cable is included in the scope of supply.

Computer installation

When the GAT Writer 5350 BA is connected to a computer for the first time, the computer detects the new hardware automatically and requests installation of the USB driver to establish communication. The driver installation process only has to be done once.

The driver can be downloaded from the GANTNER partner site. Click on the following link:

<https://www.gantner.com/de/download/6656/>

USB connection cable

Maximum cable length = 5m (3m USB cable included with device).

Type B plug for GAT Writer 5350 BA connection.

Type A plug for computer connection.

Safety instructions



- This device must be installed by qualified personnel only.
- The applicable safety and accident prevention regulations must be observed.
- Safety devices must not be removed.
- Please observe the technical data of the device specified on the data sheet.



- The device must be disconnected from the power supply prior to installation, assembly or dismantling.