

ATS1140

7" touchscreen for Axon

At a glance

The Axon product family has a new addition: the ATS1140 graphical touchscreen.

This device offers simple fingertip control of the security system with a 7-inch high-responsive touchscreen display that features easy-to-understand graphics. The ATS1140 is designed to perfectly complement other control units in the Axon security system family, ensuring a smooth user experience.

The ATS1140 boasts a modern design with a new graphical user interface that features icon-based and readable text. The display's contrast and the built-in buzzer's volume level can be adjusted via the configuration menu. This device also comes with a simplified and intuitive graphical user interface, allowing users to easily navigate the programming, operational features, dashboard, system status, alarms, logs, and additional function keys.

Overall, the ATS1140 graphical touchscreen combines functionality and style to provide an efficient and user-friendly experience

Built-in secure card reader

The ATS1140 is equipped with a Mifare Desfire EV1/EV2/EV3 card reader that is built-in. When the device is in secure mode, the data is encrypted from the card to the keypad and from the keypad to the Axon control panel.

The ATS1140 can be used for arming/disarming the system with the PIN code, a card or a combination of both for enhanced security. It works with the multiple card badging solutions that are available in the Axon panel.

Alarm system activation: a user can turn on the alarm system by badging their card three times within a 10-second interval.

Door access control: doors can be programmed for specific behaviors based on badging with the card. For example, with a single badge scan, granting seamless entry and exit without requiring a card, and a triple badge scan will promptly re-lock the door, providing enhanced convenience for the end user.

Quick access

The touch display menus are thoughtfully organised, featuring a clean and intuitive design that makes navigation a breeze. The single-touch operation eliminates the need for complex maneuvers, allowing for effortless interaction with the system. Whether you are an advanced tech user or a novice, you will find the touch display menus to be user-friendly and highly accessible.



Quick and easy installation

Screw the backplate onto the wall, connect the data bus cable from the panel, snap the touchscreen onto the plate: you're all set up and ready to go.

This installation method is not only easy to follow, but it also ensures a secure fit for your touchscreen, providing you with peace of mind knowing that your device won't fall off the wall.

Details

- Streamlined, modern design
- Simplified and intuitive graphical user interface
- 7" colour touchscreen
- Possibility to add a customised logo on the display
- Quickly accessible and programmable function keys
- Built-in secure Mifare Desfire EV1/EV2/EV3 reader
- User-adjustable LCD, buzzer and key lights
- Use secure ATS145x series cards or custom cards (excl. ATS1458)
- Intuitive and simplified icon-based user interface
- Multi-language support
- Virtual keypad

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Technical Specifications

General	
User interface	Touch Responsive Surface Keys
Product line	Axon
Status LEDs	1
Integrated reader	Secure MIFARE
Language	Multi-language support
Supported Axon Firmware	MR3.1 or later with FW 2.0.5 for ATS1140
System	
Function keys	3
Supported card types	MIFARE® Classic UID, MIFARE® DESFire® EV1, MIFARE® DESFire® EV2, MIFARE® DESFire® EV3
Addressing type	Software Addressing
Supported cable type	WCAT 52/54 or equivalent
Communication	
Communication type	Wired
Reading distance	Up to 3 cm
Wiring	RS-485, 4-wire bus
Connected per data bus	8 per data bus max 16 per system
Inputs / Outputs	
Inputs	1
Input type	Request to Exit (NO)
Outputs	1
Output type	Open collector (OC), 100 mA max, 15 VDC max.
Electrical	
Operating voltage	12.0 to 13.5 VDC (provided by panel)
Current consumption	330 mA at 13.7 VDC, 375 mA at 12 VDC (max.) 220 mA at 13.7 VDC, 250 mA at 12 VDC (average) 70 mA at 13.7 VDC, 80 mA at 12 VDC (standby)

Physical	
Physical dimensions	127 mm x 179 mm x 20 mm
Net weight	460 g
Colour	White
Mounting type	Wall mount
Material	ABS plastic
Environmental	
Operating temperature	0 to +50°C
Relative humidity	95% noncondensing
Environment	Indoor
IP rating	IP30 IK06
Regulatory	
EN50131 Grade	Grade 3, with tamper kit
Compliance	CE
Certification	RCM