



# Industrial Overhead Door

OPENER DEVICES | AXESS® PRO 1100 SERIES OVERHEAD OPENERS



automatic  
TECHNOLOGY

DOOR OPENERS | GATE OPENERS | REMOTE CONTROL ACCESS SOLUTIONS

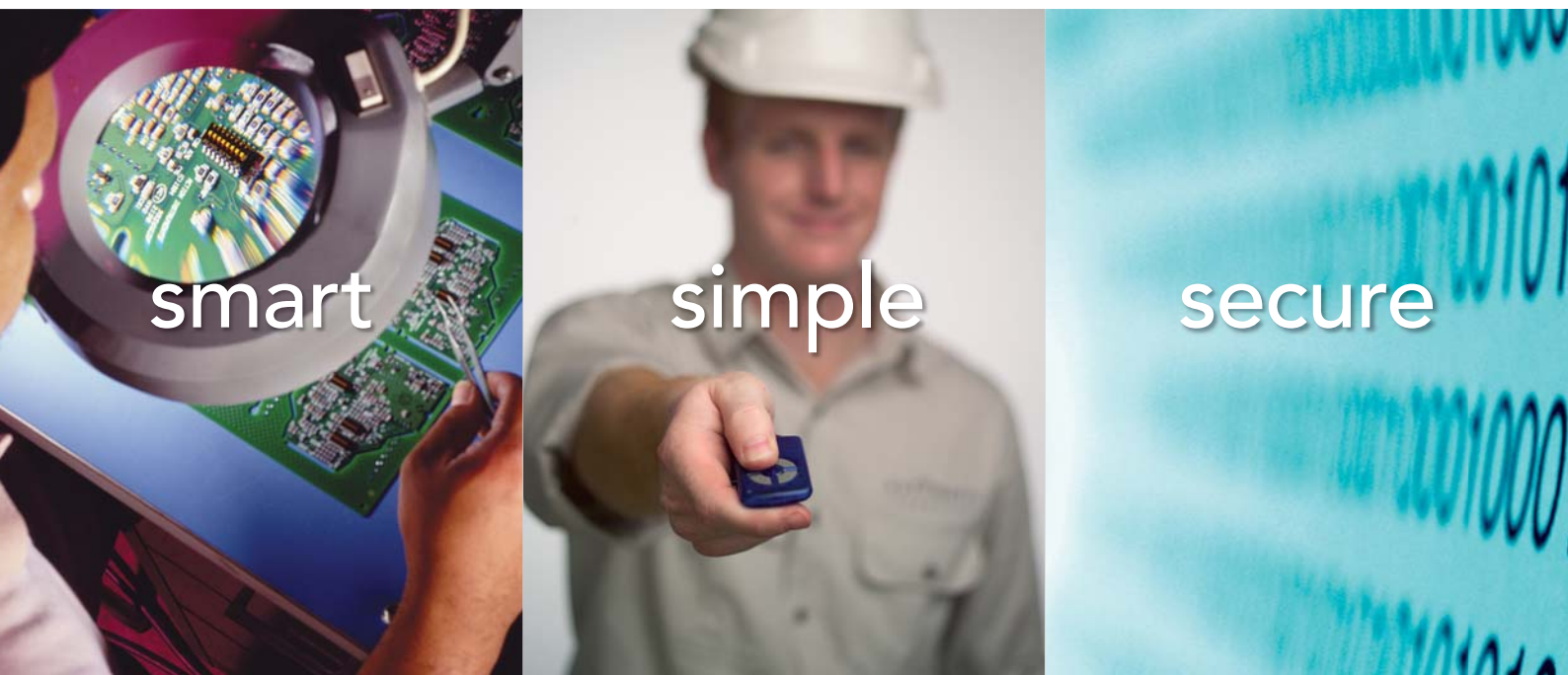
smart | simple | secure.

At Automatic Technology our every innovation, product and success is driven by those three words.

As we have done for the past quarter of a century, we continually strive to simplify your life by providing smarter access solutions.

Designed and engineered in Australia by our team of renowned innovators, Automatic Technology products define the future of automation through utilising the latest technology, processes and production methods to ensure every industrial door is indeed **smart**, **simple** and **secure**.

Our **Axess**® Industrial Overhead Door Opener Range were created by these ideals, and contain the following features:



## Features

**100% Duty Cycle Motor with Pre-Wired Inverter** – Using a standard 240v 10amp outlet, the **Axess**® has an inverter to drive a 415v 3-phase 0.5HP (0.375kW) fan cooled induction motor, giving high power without the costly setup. Also featuring speed ramping and soft start/soft stop (critical to longevity on heavy and high usage doors) the inverter is like a car's clutch, letting the motor move a mass without breaking the drive train.

**Heavy Duty Gearbox** – Cast aluminium gearbox in sealed, breatherless oil bath.

**Smooth & Quiet** – High step-down ratio gearbox, low vibration and ball bearing trolley for quiet operation.

**Alloy Track** – Conceals and protects the drive chain, and features channels for running hidden cabling. Comes standard with track for door height up to 3500mm. Track for doors up to 5500mm available separately.

**Precision stopping and safety** – Electronic limits positioning, force and obstruction margins for safety.

**User friendly LCD display** – Easily program, perform diagnostics, tailor access control and manage users.

**High security** – **SecuraCode**® 433MHz code hopping technology, with 4.29 billion possibilities.

**Varied control options** – Ready integrability with PE Beams, swipe cards, loop detectors and more.



# Axess<sup>®</sup> 1100

## 100% DUTY CYCLE INDUSTRIAL OVERHEAD DOOR OPENER



### It's smart:

- The intuitive LCD driven menu system allows you to quickly perform setup, maintenance or diagnostic functions.
- Assign a user's real name to a transmitter, track or review the previous 64 usages of the opener, and even restrict tampering with operational settings through the password protected menu system.
- Integrates with the PG-3 Programmer for high level diagnostics and maintenance.

### It's simple:

- The powerful pre-wired 3-Phase motor does not need an electrician for setup and installation – allowing the installer to complete everything, saving you time and money.
- Pre-assembled rail for easy install that can be readily cut to size - no more waiting for custom made rails.

### It's secure:

- 100% duty cycle.
- Will open doors up to 25m<sup>2</sup>.
- Suitable for doors up to 5500mm high (with optional extension kit).
- Integrates with various access controls, including up to 511 **SecuraCode**<sup>®</sup> transmitters as standard.

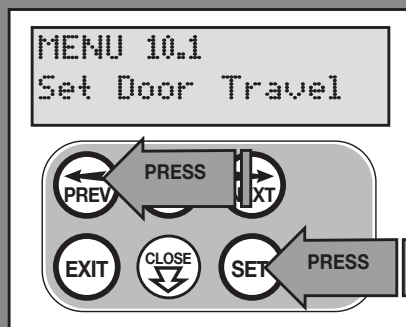
# General Specifications

Standard Specifications					Capability Enhancements	Included Hardware		
Model Number	Voltage	Logic Control	Maximum Door Size	Maximum Door Height	Max. Door Height with Optional Extended Track	Pre-assembled 3500mm track, trolley and chain with drive arms	PE Beam Kit	SecuraCode® PTX-4 Transmitters
1100	240V 10amp plugin  415v 3-phase motor	Integrated menu-driven LCD system	25m <sup>2</sup>	3500mm	5500mm			

## Logic Control Parameters & Menu Examples

Menu Structure	1	<b>Code Transmitter</b>	Code in transmitters, and individually assign alpha-numeric usernames and define button functions (e.g. Button 1 for Open / Close, Button 2 for Vacation mode, Button 3 for light operation). Up to 511 transmitters can be stored and customised.
	2	<b>Obstruction Margins</b>	Alter the level of obstruction required to trip the opener's safety mechanisms. Individually adjustable for open and close cycles.
	3	<b>Auto-Close Times</b>	Define individual auto-close times for various controlling inputs. e.g. Set a longer auto-close time for PE Beam triggered open cycles compared to pedestrian mode. PE Beam close modes add extra safety by ensuring doorway is clear during open/close cycles.
	4	<b>Lock Times</b>	Adjust time limits for hold and pulse operations with different settings for open and close cycles.
	5	<b>Light Times</b>	With the option of wiring a light to function with the <b>Axess® 1100</b> , you can determine the time the light stays on during and after open and/or close operations.
	6	<b>Motor Settings</b>	Define individual closing and opening speeds for the <b>Axess® 1100</b> to provide the best and safest performance for the job.
	7	<b>Operating Modes</b>	Manage various operating inputs like PE Beams and swipe cards, view activity reports, activate vacation mode and password protect the <b>Axess® 1100</b> , and much more.
	8	<b>Diagnostics</b>	Test input functions, display usage history, determine when a service is due, assess number of open / close cycles and frequency of encountered obstructions.
	9	<b>Memory Tools</b>	Delete individual users or user functions - handy for ensuring security when transmitters are lost or lock out de-authorized persons. Also backup, import or copy users and access levels from the PG-3 Programmer.
	10	<b>Travel Limits</b>	Set open and close limits for both normal operation and pedestrian mode, where the door close to a height under which persons can walk.

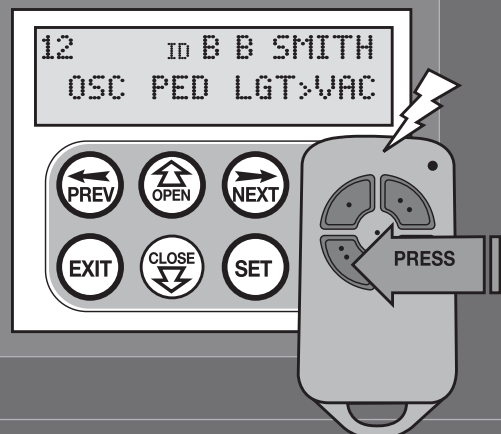
Setup is even simpler with the LCD menu system. Information on screen guides you through each step in the process. No need to guess what the beeps and flashes mean!



Review the last 64 usages of the opener, who activated it and assess faults with the history menu. For example, determine the most recent operators of the door by checking user names.



Use a transmitter and the user's name and requested function display on screen! You can also delete or restrict access by user name, handy for lost transmitters.



## Optional Accessories for Industrial Openers

Make your overhead door even more smart, simple and secure with our range of great accessories.

### Wireless Digital Keypad

This clever weatherproof access device provides greater flexibility for accessing your premises. Up to 20 individual PIN codes can be created, so you can give your various staff specific access to certain doors and gates.



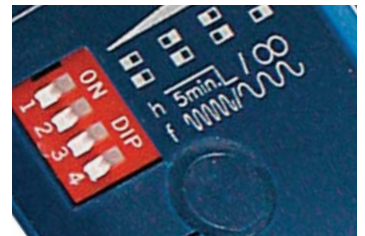
### SecuraCode® Keyring Transmitters

With up to 511 different **SecuraCode®** transmitters able to programmed to operate your Axess® 1100, you can easily kit out your entire staff with their own keyring unit. Available in blue and pink.



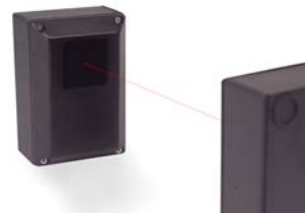
### Inductive Loop Detector

An inductive loop detector senses when the magnetic field is disrupted by a vehicle and activates the door. The loop detector is suitable in commercial situations where a trigger is required for entry/exit without the need for security authorisation.



### PE Safety Beam

Protect people and property with the PE Safety Beam. As soon as an object or person moves through the invisible safety beam, the door will stop or reverse to avert serious damage being done.



### Handheld Transmitter

Cut through the electromagnetic clutter with our high-powered handheld transmitter. Perfect for areas with high interference, or for when you need to operate the door from further away, these transmitters retain all the functionality and simplicity of the smaller keyring models.



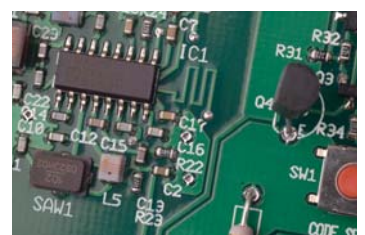
### Programmer

The PG-3 Programmer provides a higher level of diagnostic and maintenance functionality, including special mode access, backup of functions and transmitters and more. Comes with custom designed hard case for durability.



### CRX-4 MegaCode® Receiver

A versatile 4-channel, password protected receiver with 24-hour clock to integrate **SecuraCode®** transmitters with openers, lights and other devices. Code and name up to 511 transmitters, review actions by user name with the time stamped event log, setup time and access specific user groups, and more.



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Technical Specifications	1100
<b>Motor</b>	
Input Power	240V 50Hz 10amp AC 1-Phase
Motor Power	415v 3-Phase - 0.375kW (0.5 H.P)
<b>Gearbox</b>	
Ratio	40:1
Type	Cast Aluminium in breather-less oil bath
<b>Door Size</b>	
Max Size	25m <sup>2</sup>
Max Drive Height	Standard - 3500mm Maximum - 5500mm (with Optional Track Extension)
<b>Drive Unit Dimensions</b>	
Dimensions (mm)	242H x 310W x 505D
Weight	23 kg
<b>Logic Control Specifications</b>	
Transmitter Capacity	511
Frequency	433.92 MHz
Coding Type	Hopping Code
No. of Code Combinations	Over 4.29 Billion
Code Generation	Non-linear encryption algorithm
<b>Operating Modes</b>	
PE Beams	Yes (Compulsory)
Auto Close	Yes
Vacation Mode	Yes
Pedestrian Mode	Yes
<b>Kit Contents</b>	
240v Drive Unit with Inverter	Yes
Integrated Logic Control Unit	Yes
4 metre aluminium track (for up to 3500mm high door)	Yes
Trolley & Chain Index	Yes
Drive Chain	Yes
PE Beams	Yes
Bent Arm and Straight Arm	Yes
<b>SecuraCode®</b> PTX-4 Transmitters	Yes (x2)

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an alesco company

**Automatic Technology Pty Ltd**

ABN 11 007 125 368

6-8 Fiveways Boulevard  
Keysborough, Victoria, 3173

P 1300 133 944

E sales@ata-aust.com.au

www.ata-aust.com.au