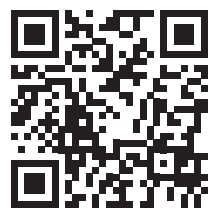




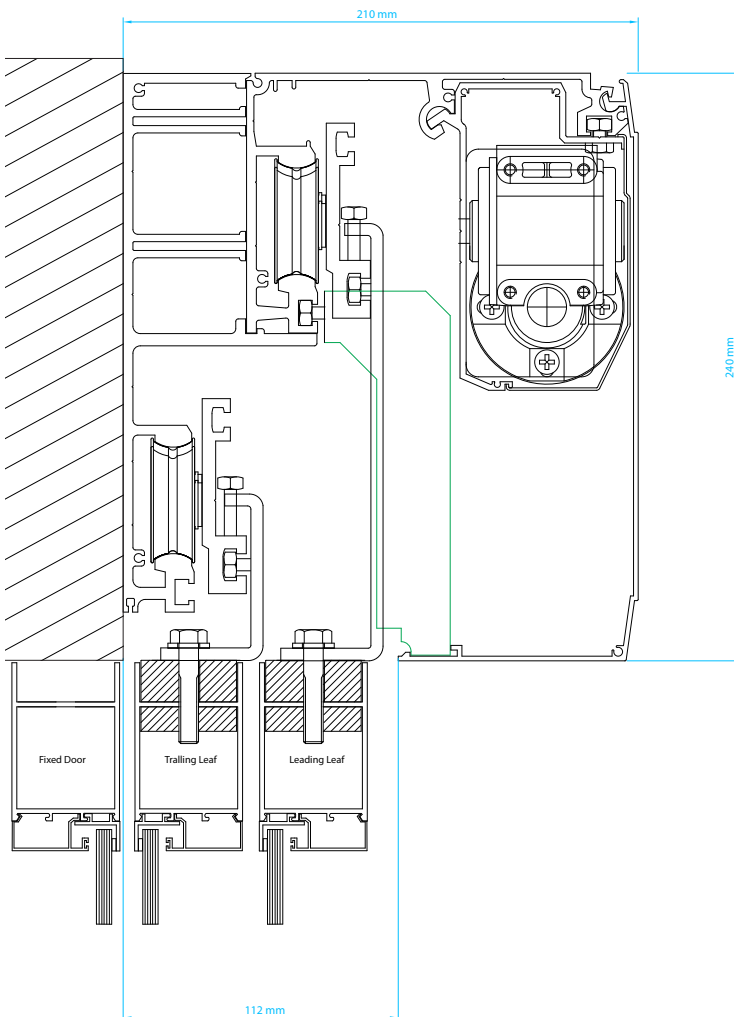
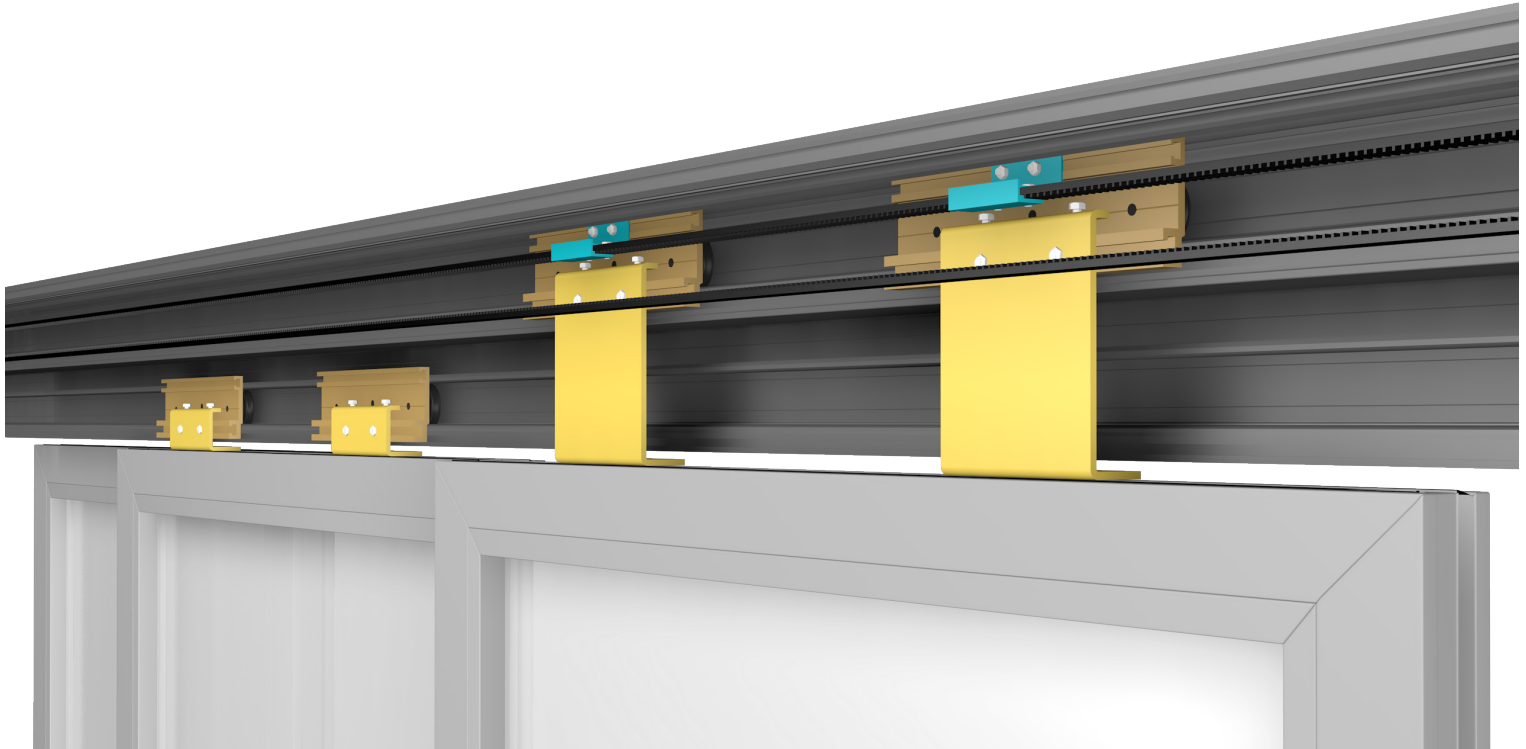
## NGT SERIES

**Heavy Duty  
Automatic  
Sliding Door  
Operators for  
Aluminium Doors**

**STRONGER, QUIETER, COMPACT**



Scan Code for enquiry



### Telescopic Sliding Door

ADIS's Telescopic Doors are Australian made and designed to give maximum possible door opening.

The series is also available in two and four-door modules, and consume less power during operation making them rather an energy-efficient.

### Features:

- System designed to give max possible door opening
- Australian Made
- Designed for New Standards
- Flushed Glazed doors allow doors to be parallel when open
- High-Security Electric Locking
- Available in 2 and 4 doors modules
- Energy Efficient Low Power Consumption

### Advanced Technology

ADIS utilizes the latest in digital microprocessor technology, giving the control unit multiple programmable modes including: - provision to interface with building security systems, monitoring the door position and lock status, built-in battery. The microprocessor operating parameters can be adjusted to accommodate various climatic conditions and specific site requirements in relation to speed, braking etc.

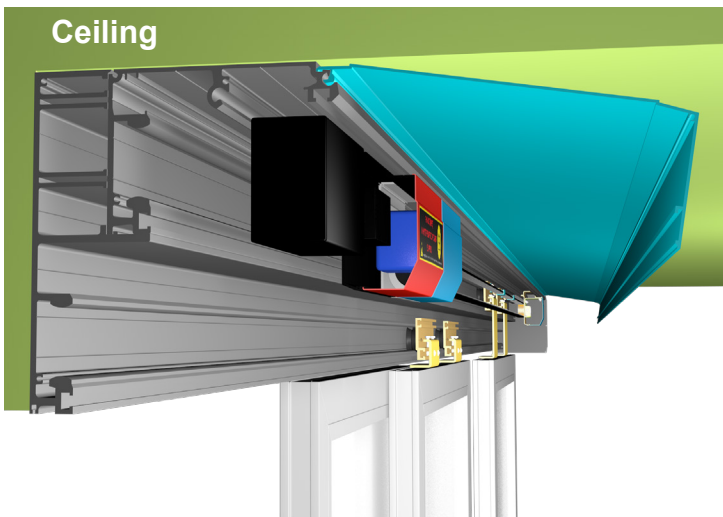
The multifunctional microprocessor control unit shall feature the following:

- Self-calibrating and programmable modes
- Fully compensates door weight and friction, therefore, delivering the optimum force for efficient operation
- Provision for full interfacing with building security/alarm systems
- Open speed control
- Closing speed control
- Brake control: preventing the doors from slamming shut
- End position-damping control for the accurate slow down of door movement
- Optional built-in UPS (uninterrupted power supply) for the continued operation of the door under power failure.
- The option of solar power provision included.

## Pelmet Hinge

The ADIS pelmet design features a unique interlocking hinge to provide secure closure and maximum cover even when mounted hard up against the ceiling.

The design enables the operator to be fitted flush to the ceiling when required, while the pelmet may be opened fully or removed for access.



device will fully open the doors. The fail-secure mode will close and secure the doors.

Terminal outputs are available to signal to security systems both door position and lock status. The microprocessor is also self-diagnosing.

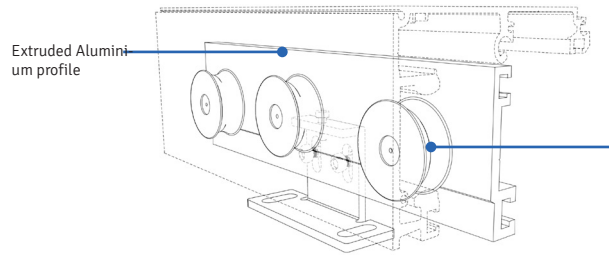
Provision for climate control is available. Door opening can be restricted to 50% of normal operating with during high winds or harsh weather conditions.

Dual sets of sun-resistant P.E. light cells can be flush-mounted in the door jambs to prevent doors from closing if the threshold area is obstructed. Fitting of P.E. light cells are at 150mm and 600mm from finished floor level.

Door drive shall be by way of toothed belt reinforced with fiberglass tensile members, incorporating nylon facing surface for pulley tooth protection, for silent and service-free operation.

## Quiet Operation

The tracking system is a dual linear track designed for accuracy and long service life fitted with anti rise wheels with no possibility of doors disengaging off tracks. The upper track is made of harder and stronger alloy and is replaceable.



## Functions

Tracking System

The following functions can be selected through your wall-mounted key switch or options board:

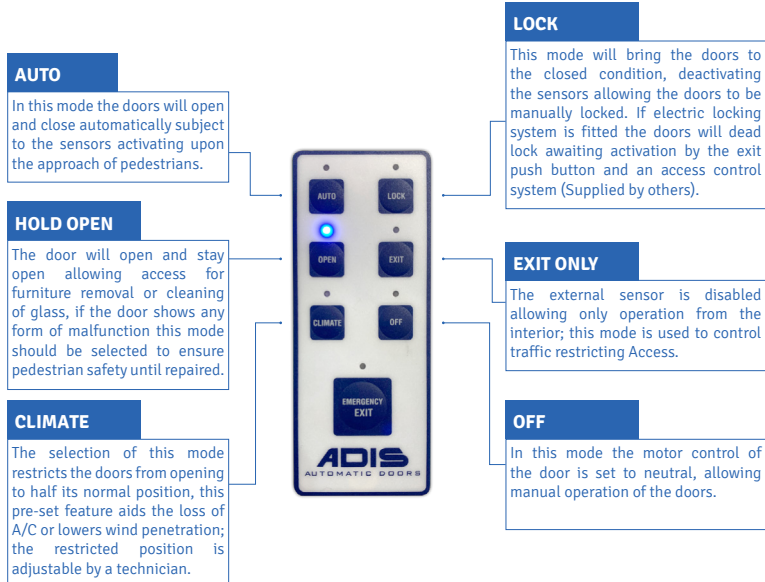
## Safety is a priority

The ADIS microprocessor will automatically reverse operation while the door is closing, should the doors be obstructed. Active infrared safety sensors are included to focus across the doorway to halt and open the doors immediately upon the sensor detecting an obstruction. Sensitivity setting is programmable.

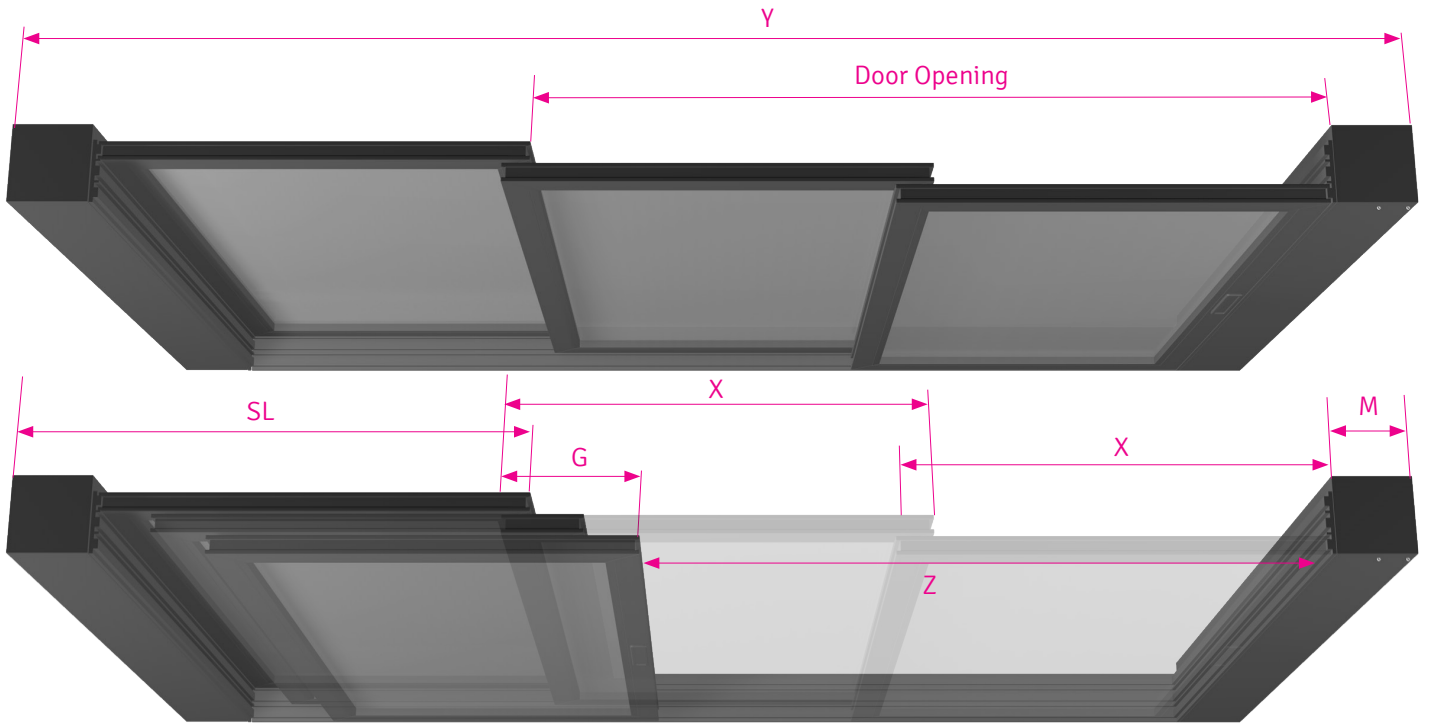
## High Security Locking

Electric lock option is Standard giving total security and can be adapted where manual locking can not be achieved, i.e. frame-less toughened glass doors.

The microprocessor monitors all aspects of the locks functions e.g. to ensure the door is fully closed when the lock is engaged. During a power failure or emergency, the fail-safe



## NGT single slide Telescopic layout sheet for centrally glazed doors



Left handed viewed from inside

$G$  = 30 mm gap for centre glazed doors  
0 mm gap for frameless or flush glazed doors

### Formula

Where  $Y > 2260$ ,  $Z = Y - 250 \text{ mm} / 1.5$

Where  $Y < 2260$ ,  $Z = Y - 920 \text{ mm}$

Minimum length unit 1920 mm, to give  $Z = 1\text{m}$

## Maximum Opening with NGT Telescopic



A narrow entrance way, Telescopic door allows max opening.

Confined doorway space, Maximum door opening using flush line glazing.

## NGT Telescopic Projects



Framed Telescopic Closed.



Frameless Telescopic Closed.



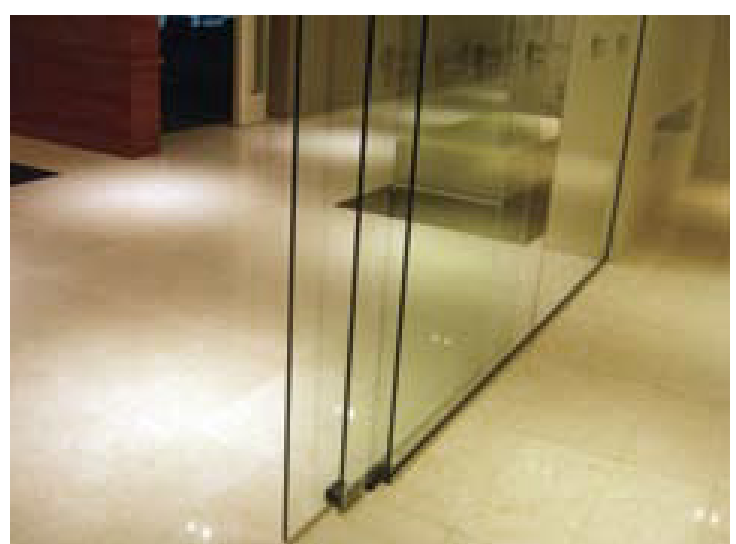
Partially Opened.



Partially Opened.



Doors in open position.



Frameless Glass doors in open position.

## Compare ADIS Advantages

- NATA tested with 300kg doors to comply with Australian Standards
- ADIS is Australian owned and Australian manufactured.
- Overall track height of 240cm.
- Compact modular design of motor drive system.
- Latest digital microprocessor controller to gain more exact control of the door operator.
- Provision to interface with building security and fire systems.
- Over engineered to take total door weights of up to 160 Kg for a two door system (max single leaf door weight of 80 Kg) or 240kg for a four door system (max single door leaf 60Kg).
- The main transom housing is hard coated anodized to give smooth operation of the exclusive dual track system.
- No exposed wiring due to concealed wiring system.
- UPS Lithium (Uninterrupted Power Supply) can allow doors to continue to operate under a power failure. This optional extra allows the ADIS NGT operator to work 800 cycles or 28 hours after disruption
- Improved multiple safety features to ensure maximum user safety.
- High security electric motor locking system with battery reserve back up.
- Zone activation sensor system that uses latest presence detection technology to improve overall safety.
- Unique interlocking cover pelmet which prevents any chances of pelmet cover dislodging from the main track system. An added safety feature.

## Technical specifications

Opening width maximum	2500 mm
Operator length up to	4000 mm
Total combined weight for 4 doors system	240 Kg
Total combined weight for 2 doors system	160 Kg
Opening speed per leading edge leaf variable	100-1000 mm/sec
Closing speed per leading edge leaf variable	25-1000 mm/sec
Door open dwell time, variable	0-60 sec
Manual opening/ closing force	<130 N
Operator size height/depth	240mm / 160 mm
Fail safe/ fail secure	Yes / Yes
High security electric locking	Standard
Airlock function	Yes
Press closed function	Yes
Climate control (reduced opening) function	Yes
Noise attenuation	32 db
Keypad control	Yes
Safety stop	Yes
Safety return	Yes
Safety beam shut off when closed	Yes
Fire alarm activation	Yes
Chime outlet	Yes
Exit only function	Yes
Battery Backup	Yes
UPS Lithium in all conditions	Optional
Closed positional signal	Yes
Operator monitor signal	Yes
Open closed positional signal	Yes
Memory setting retained without power	Yes
Operating Power	24 Volts
Appliance Rating	40 Watts
Power supply	240V/10Amp
Solar power operation	Optional

### ADIS AUTOMATIC DOORS is a fully Australian owned and operated company.

The name ADIS simply means, Automatic Door Installation Services. The company has over 35 years of experience in the Automatic Doors Industry.

ADIS philosophy is to provide a high quality product at a competitive price backed by the highest standard service to achieve total customer satisfaction. The introduction of the Next Generation Series of Automatic Door operators is a major advancement in automatic door technology for the Australian and global automatic

door markets. This series includes the most advanced features available worldwide. ADIS research and design team have developed the NG series of door equipment to ensure maximum performance, durability and reliability, full compliance with Australian Standards AS 5007-2007.

ADIS Automatic Doors have been successful in achieving the AUSTRALIAN DESIGN AWARD for excellence in product design & excellence in product efficiency.



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