

Prestige Series

Grade 2 Interchangeable Detectors

A revolution in motion sensor technology, the Prestige Series will change the way you think about detector design. Utilising an interchangeable PCB chassis system, different detection modules can be exchanged between housings, maximising flexibility and guaranteeing future-proof installations. With a complete range of EN 50131 Grade 2 sensors to choose from, you'll be sure to find a detection solution that meets your needs.

Prestige IR

High Immunity PIR

- 15m Volumetric Range
- Sealed Optical System
- Temperature Compensation
- Remote Led Disable
- Digital Pulse Count
- TS 50131-2-2 Grade 2

Prestige TD

Twin Dual Element PIR

- Twin Dual Element Detection
- 15m Volumetric Range
- Sealed Optical System
- Microprocessor Technology
- Digital Temperature Compensation
- TS 50131-2-2 Grade 2

Prestige QD

Genuine Quad Element PIR

- Genuine Quad Element Detection
- 15m Volumetric Range
- Sealed Optical System
- Microprocessor Technology
- Digital Temperature Compensation
- TS 50131-2-2 Grade 2

Prestige DT

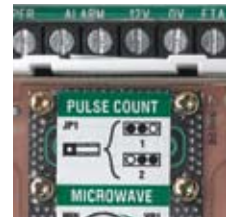
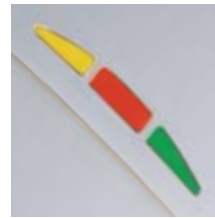
Dual Technology Detector

- 15m Volumetric PIR & Microwave Range
- Fluorescent Light Protection
- Sealed Optical System
- Microprocessor Technology
- Digital Temperature Compensation
- TS 50131-2-4 Grade 2



Texecom
www.texe.com

Prestige Series



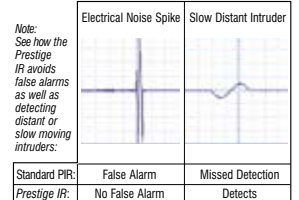
Motion Detectors with Interchangeable PCB Module



Prestige IR

TS 50131-2-2 & EN 50131 Grade 2

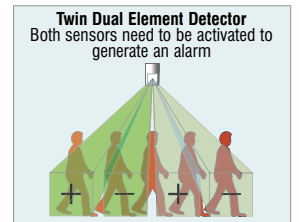
High immunity PIR with interchangeable electronics module. Multi mode digital pulse count maximises detector performance. ICC™ (Intruder Confirmation Circuitry) ensures false alarm immunity from RF, lightning and mobile phones.



Prestige TD

TS 50131-2-2 & EN 50131 Grade 2

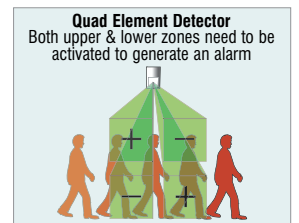
Twin dual element PIR with interchangeable electronics module. Two dual element sensors provide exceptional stability, ideal for commercial applications. Features advanced microprocessor design and digital temperature compensation.



Prestige QD

TS 50131-2-2 & EN 50131 Grade 2

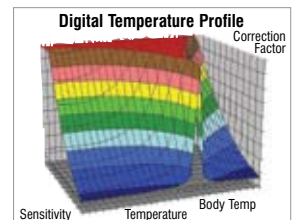
Quad element digital PIR with interchangeable electronics module. Genuine quad detection provides additional stability for harsh environments. Features advanced microprocessor design and digital temperature compensation.



Prestige DT

TS 50131-2-4 & EN 50131 Grade 2

Digital dual technology detector with interchangeable electronics module. X-band doppler, adjustable microwave range, digital temperature compensation and advanced signal processing ensures maximum false alarm immunity. CloakWise™ (CW) version also available.



Interchangeable PCB Module

The Prestige Series incorporates an innovative interchangeable PCB module system for easy upgrading across the range. By utilising a common backplate component different detection technologies can be simply exchanged, ensuring the correct sensor configuration for any installation requirement.



Prestige AM Series Grade 3 Detectors Also Available

European Standards

Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC (amended by 92/31/EEC and 93/68/EEC).

Approved to BS EN 55022 Class B and BS EN 50130-4 : 1996.

The CE mark indicates that this product complies with the European requirements for safety, health, environmental and customer protection.

Texecom products are protected by UK and International patents, trademarks and registered design rights.

UK Registered Design Numbers: 3004997, 3004260, 3004261 and 3008616.

Prestige is a trademark of Texecom Limited.

© 2007 Texecom Limited.



Certificate Number: FM 35285



Prestige **AM Series**

GRADE 3 ANTI-MASKING DETECTORS

Inspired by a design philosophy of contemporary styling combined with the most innovative advanced detection performance, the Prestige AM Series is intended for those who require the very best.

The result is a timeless series of Grade 3 component standard motion detectors that surpass EN 50131 Grade 3 security system requirements.

With unrivalled detection technologies, **Active IR Anti-Masking, Local Self Test, Remote Self Test, Triple End-Of-Line (T-EOL) Signalling** and **Remote LED Disable**, the Prestige AM Series strengthens Texecom's reputation for providing world-class detector performance.



Prestige AMQD Plus Genuine Quad Element PIR

- 15m Genuine Quad Element Detection
- Wall Tamper Detection
- TS 50131-2-2 Grade 3 Compliance



Prestige AMDT Plus Dual Technology Detector

- 15m Volumetric PIR & Microwave Detection
- Wall Tamper Detection
- TS 50131-2-4 Grade 3 Compliance



Prestige AM360 QD Ceiling Mount Quad PIR

- Omni-directional Quad Element Pyro for True 360° Coverage
- Ceiling Tamper Detection
- TS 50131-2-2 Grade 3 Compliance

Prestige AM Series - Grade 3 Anti-Masking Detectors



Prestige AMQD Plus

Grade 3 anti-masking digital quad PIR. Genuine quad element detection provides exceptional performance. Active IR anti-masking, Triple End-of-Line (T-EOL) signalling, wall tamper detection and local self test & remote self test exceed requirements for EN 50131-1 and TS 50131-2-2 Grade 3.



Prestige AMDT Plus

Grade 3 anti-masking digital dual technology detector. Features fully adjustable microwave range and digital PIR temperature compensation. Active IR anti-masking, Triple End-of-Line (T-EOL) signalling, wall tamper detection and local self test & remote self test exceed requirements for EN 50131-1 and TS 50131-2-4 Grade 3.



Prestige AM360 QD

Grade 3 anti-masking digital quad ceiling PIR. Omni-directional quad element pyro for true 360° coverage. Active IR anti-masking, Triple End-of-Line (T-EOL) signalling, ceiling tamper detection and local self test & remote self test exceed requirements for EN 50131-1 and TS 50131-2-2 Grade 3.



Grade 3 Component Standards Compliance

All products in the Prestige AM Series exceed the requirements of the EN 50131 Grade 3 Component Standards, TS 50131-2-2 and TS 50131-2-4. This ensures the Prestige AM Series is truly a range of exceptional detectors that completely revolutionise anti-masking detector security.



Active IR Anti-Masking

All models in the Prestige AM Series use Texecom's optically enhanced Active IR technique, the most secure and reliable anti-masking technology on the market.

The Prestige AMQD Plus & Prestige AMDT Plus utilise two active IR LED's, each deliberately orientated within a carefully engineered insect-proof sealed optical chamber, that transmit through the detector lens. This IR signal is then reflected back through the installation environment to an IR receiver, also located within the detector optical area. The Prestige AM 360 QD features the same Active IR technology, utilising a single LED to protect the optical area.

If a material is placed close to the detector, the IR signal reflected back to the detector will increase and will be detected as a masking attempt. If an IR absorbent material is placed in front of the detector, the level of signal will reduce and a masking attempt will also be detected.

The Active IR LED power output on all models provides 100% lens coverage protection and, when combined with Texecom's proprietary digital signal processing algorithms, deliver exceptional anti-masking pick-up whilst actively discriminating against false masking sources.

Triple End-Of-Line (T-EOL)

Grade 3 requires detectors to signal alarm, tamper, masking and fault conditions to a compatible Grade 3 control panel. All detectors in the Prestige AM Series use a Triple End-Of-Line (T-EOL) method of signalling. This allows all four signal conditions to be transmitted on a single pair of wires, using only one control panel zone per detector.



Prestige AM Series

...Grade 3 Anti-Masking Detectors

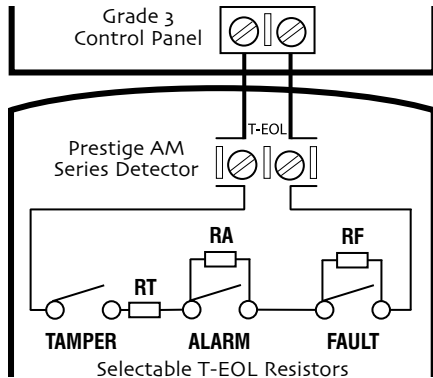
Prestige AM Series Selection Guide & Technical Specifications

Triple End-of-Line (T-EOL)

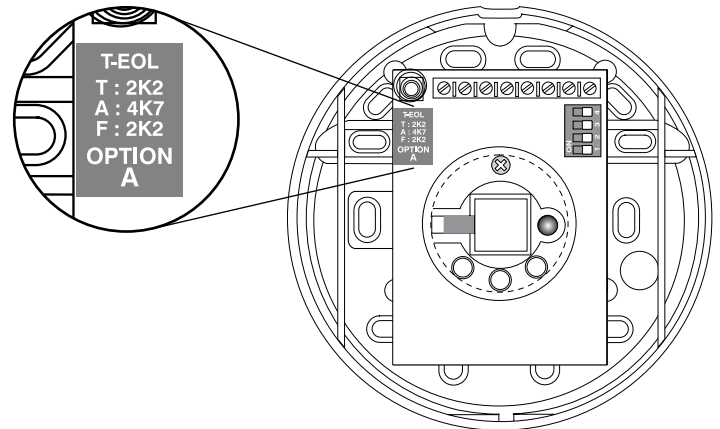
The Prestige AM Series uses T-EOL to communicate alarm, tamper, masking and fault over a single pair of wires. Note: masking is signalled by the alarm and fault relays opening simultaneously.

Prestige AM360 QD and Prestige AMDT Plus: T-EOL plug-on boards are used to select different resistance values. Option A with resistance values for use with Texecom's Premier Series control panels is fitted as default. An additional T-EOL board (Option B) for use with other major brands of control panels is also supplied. A range of other T-EOL boards are available separately.

Prestige AMQD Plus: PCB jumpers are used to select different T-EOL resistance values. Option 1 is the default setting for use with Texecom's Premier Series control panels. Alternative PCB jumper selections cover other major brands of control panels. A range of other T-EOL boards are available separately.



T-EOL Plug-on Board



Minimum Premier Software Version Compatibility:

Premier 24:	V7	Premier 412/816:	V10.0
Premier 48:	V7	Premier 832:	V3.0
Premier 88/168:	V7	Keypads:	V7
Premier 640:	V7	Expanders:	V7

Physical Specifications

40mm (1.6")

112.25mm (4.4")

60mm (2.4")

113mm (4.4")

30mm (1.2")

Prestige AMQD Plus

Storage Temperature:
-35°C (-31°F) to +60°C (+140°F)

Packed Weight:
AMQD Plus/AMDT Plus: 150g (5oz)/
170g (6oz) approx.
AM360 QD: 125g (4.5oz) approx.

Features & Functions

	Prestige AMQD Plus	Prestige AMDT Plus	Prestige AM360 QD
Detection Range	15m	15m	10.5m at 3.6m
Detection Technology	QUAD	PIR & MW	QUAD
Digital Microprocessor Technology	●	●	●
Digital Temperature Compensation	●	●	●
Digital Pulse Count	●	●	●
Triple End-of-Line (T-EOL)	●	●	●
Active IR Anti-Masking	●	●	●
Remote Self Test	●	●	●
Mounting Tamper Microswitch	●	●	●
Creep Zone Mirror	●	●	N/A
Remote LED Disable	●	●	●
TS 50131-2-2	Grade 3	N/A	Grade 3
TS 50131-2-4	N/A	Grade 3	N/A
EN 50131	Grade 3	Grade 3	Grade 3

European Standards

PD 6662 & EN 50131 Grade 3 Environmental Class II.
Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC (amended by 92/31/EEC & 93/68/EEC).
Approved to BS EN 55022 Class B & BS EN 50130-4 : 1996.
The CE mark indicates that this product complies with the European requirements for safety, health, environmental & customer protection.



Certificate Number: FM 35285

