



### PRODUCT CODE

**GJD830R** D-TECT Ricochet 30m Detector

**GJD840R** D-TECT Ricochet 40m Detector

**GJD850R** D-TECT Ricochet 50m Detector

#### UNIQUE FEATURES

Ricochet enabled

Up to 16 x 32 XP-W expanders can be used with Premier Elite 640 control panel allowing up to 510 wireless devices to be connected

Multiple systems may be installed on the same site

#### END USER BENEFITS

3 ranges to choose from

Covert detection

Energy efficient

Low maintenance

Aesthetically pleasing design

## D-TECT R *Ricochet*® Enabled

### RANGE OF WIRELESS DETECTORS WITH RICOCHET® MESH TECHNOLOGY

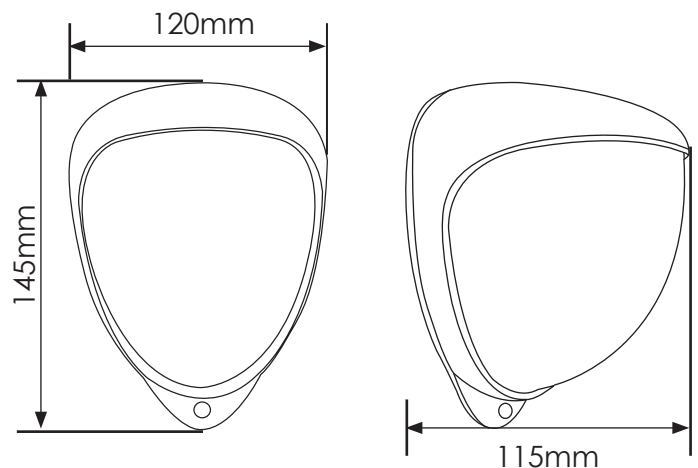
D-TECT R Ricochet® enabled BS8418 compliant detectors all feature quad PIR detector modules, stylish IP65 fully tampered housings with discreet internal antenna.

Units accept 2 x CR123 batteries, 150m line of sight RF transmission range on 868MHz and pairing to Texecom's Premier Elite control panels (with firmware V2.08 and above).



**IMPORTANT INFORMATION:** To fully utilise the GJD D-TECT unit with Texecom Ricochet monitoring software, please upgrade your monitoring software via Texecom website to the version 2.8.10 or later.

### DIMENSIONS



### SECTORS



RESIDENTIAL



COMMERCIAL



INDUSTRIAL



BORDERS



MILITARY BASES



PORTS



POWER PLANTS



HERITAGE



AIRPORTS



PRISONS

## RICOCHET® Wireless Technology

Introducing the next generation of wireless security. Texecom's award winning Ricochet mesh networking wireless technology, coupled with GJD's movement detection, delivers an exceptional security solution.

Ricochet enabled wireless devices receive and repeat wireless transmissions from other devices. The size, scalability and range of the entire system is extended as wireless signalling is no longer limited by point to point communications.

Each Ricochet enabled wireless device signalling routes to and from Texecom Premier Elite control panels (with firmware V2.08 and above). Should wireless connection between the two weaken, the network will 'self-heal' and automatically re-route communications via alternate Ricochet enabled devices.

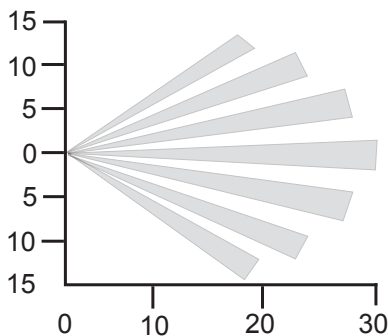
THE D-TECT RICOCHET RANGE OF WIRELESS DETECTORS INTEGRATE FULLY WITH THE TEXECOM PREMIER ELITE CONTROL PANELS WITH FIRMWARE V2.08 AND ABOVE.



TECHNICAL	GJD 830R	GJD 840R	GJD 850R
Transmission Range	150m line of sight	150m line of sight	150m line of sight
Detection Range	30m x 30m	40m x 4m & 40m x 8m	50m x 10m
Detector Orientation	180° pan & 90° tilt	180° pan & 90° tilt	180° pan & 90° tilt
Mounting Height	Up to 6m - Optimum 3m	Up to 4m - Optimum 3m	Up to 4m - Optimum 3m
Tamper Switches	Front & rear tamper switches: case open and removal from wall	Front & rear tamper switches: case open and removal from wall	Front & rear tamper switches: case open and removal from wall
Power Input	*2 x CR123 Lithium batteries	*2 x CR123 Lithium batteries	*2 x CR123 Lithium batteries
Pulse Count	1 - 2	1 - 2	1 - 2
Housing & IP Rating	High Impact ABS IP65	High Impact ABS IP65	High Impact ABS IP65

\*Batteries not included

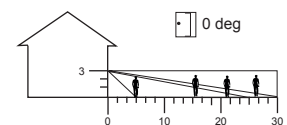
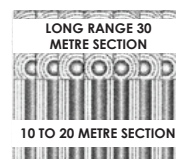
## BEAM COVERAGE GJD830R



BEAM PATTERN SET TO MAXIMUM RANGE

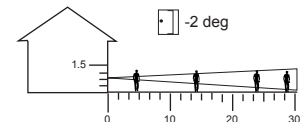
### MULTI-BEAM OPTIMUM

HEIGHT 3 METRES  
RANGE MAXIMUM  
MODULE TILT 0 DEGREE



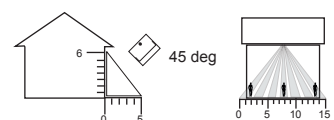
### PET IMMUNITY

HEIGHT 1.5 METRES  
RANGE MAXIMUM  
MODULE TILT -2 DEGREE



### CURTAIN COVERAGE

HEIGHT 6 METRES  
RANGE MAXIMUM  
MODULE TILT 45 DEGREE



Please note GJD reserve the right to change the information within this document, without notice.

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