Orisec South Africa

Professional Security Equipment

100 Series Detectors

Exceptional Design and Performance

Multi Height Optics with True Creep Zones

Orisec's unique Multi Height Optics with true creep zones enable mounting anywhere between 1.8m and 3.1m with no adjustment necessary or compromise in detection performance.

Sealed Optics

Sealed optics prevent bugs and dust from entering the housing, reducing false alarms and maximising reliability.

Tamper Proof Brackets†

Tamper proof wall or ceiling brackets enable precise coverage pattern adjustment and quick and simple installation in challenging mounting locations.

Options

PIR

Quad

Pet Friendly

Key Features

Multi Height Optics 1.8m to 3.1m

15 Metre Range

True Creep Zones

Slide to Fit Front Cover

Interchangeable Cartridges

Programmable EOL Resistors

Remote LED Control

Digital Signal Processing

Temperature Compensation

RFI Immunity up to 2.7GHz

Tamper Proof Bracket†

†Patent Pending

Orisec SOUTH AFRICA

www.orisec.co.za

Designed and Manufactured in the United Kingdom

Orisec South Africa

Connectivity	**Wired**	**Wired**	**Wired**
Product Name	**IR-100**	**QD-100**	**IR-100-PET**
Description	Compact PIR	Compact Quad PIR	Compact Pet Friendly PIR
Detection Technology	PIR	Genuine Quad Element Pyro	35kg Pet Friendly PIR
Slide to Fit Front Cover	✓	✓	✓
RFI Immunity up to 2.7GHz	✓	✓	✓
Optics	Multi Height Spherical	Multi Height Spherical	Multi Height Spherical
Detection Areas	68	136	68
True Creep Zones	✓	✓	✓
Range	15m x 90°	15m x 90°	15m x 90°
Mounting Height	1.8m to 3.1m	1.8m to 3.1m	2.0m to 2.2m
Selectable Built in EOL Resistors	✓	✓	✓
Remote LED Control	✓	✓	✓
Pulse Count	Digital, 1 or 2	Digital, 1 or 2	Digital, 1 or 2
Temperature Compensation	✓	✓	✓
Tamper Detection Options	Lid	Lid	Lid
Advanced Signal Processing	✓	✓	✓
Ceiling/Wall Bracket Option	✓	✓	✓

Connectivity	**Wireless**	**Wireless**	**Wireless**
Product Name	**W-IR-100**	**W-QD-100**	**W-IR-100-PET**
Description	Compact Wireless PIR	Compact Wireless Quad PIR	Compact Wireless Pet Friendly PIR
Detection Technology	PIR	Genuine Quad Element Pyro	35kg Pet Friendly PIR
Slide to Fit Front Cover	✓	✓	✓
RFI Immunity up to 2.7GHz	✓	✓	✓
Optics	Multi Height Spherical	Multi Height Spherical	Multi Height Spherical
Detection Areas	68	136	68
True Creep Zones	✓	✓	✓
Range	15m x 90°	15m x 90°	15m x 90°
Mounting Height	1.8m to 3.1m	1.8m to 3.1m	2.0m to 2.2m
Pulse Count	Digital, 1 or 2	Digital, 1 or 2	Digital, 1 or 2
Temperature Compensation	✓	✓	✓
Tamper Detection Options	Lid & Wall	Lid & Wall	Lid & Wall
Advanced Signal Processing	✓	✓	✓
Ceiling/Wall Bracket Option	✓	✓	✓
Battery	CR123A 3V Lithium	CR123A 3V Lithium	CR123A 3V Lithium
Average Battery Life	> 2 Years	> 2 Years	> 2 Years
True Battery Reading	✓	✓	✓
Frequency Hopping Technology	✓	✓	✓
Simple Enrolment	✓	✓	✓
2 Way Wireless Communications	✓	✓	✓
Typical Wireless Range	> 150m Line of Sight	> 150m Line of Sight	> 150m Line of Sight

Dimensions W x H x D	60 x 97 x 40	60 x 97 x 40	60 x 97 x 40

DS009