

iWISE DT AM and iWISE AM Anti-Masking detectors

Dual Technology with Anti-Masking iWISE DT AM

Many detectors provide a solution to masking of the detector's field-of-view... but only iWISE DT AM provides a solution BOTH to masking attempts of the detector AND to camouflage attempts of an intruder's body.

The iWISE DT AM is the ultimate detector for high-risk installations, combining both Anti-Masking and Anti-Cloak™ Technology (ACT™).

Any attempt to approach the detector and mask its field-of-view activates the AM relay and the Alarm*, while camouflaged burglars are identified by Rokonet's revolutionary ACT™ (patent pending). ACT™ switches to microwave-only mode for a brief predefined period, only during a cloaking attempt or when room temperature equals body temperature, providing unrivalled detection together with improved false alarm immunity.

The discreet slim design, ample wiring space, and outstanding ease of installation complement the above to make iWISE Anti-Mask detectors the best choice for your high-risk installations.

* Jumper Selectable



Masking is when a would-be intruder physically approaches the detector to cover the **detector's field-of-view** while the alarm system is not armed - in preparation for a burglary.



Cloaking is when an intruder **camouflages himself** in order to appear like the room background, by blocking his infra-red rays from reaching the detector during a burglary.

R KONET

R I S C O G R O U P

Intelligence in the Service of Security

PIR Technology with Anti-Masking iWISE AM

The iWISE AM is the most advanced PIR detector for high-risk applications, **using two active infrared channels for anti-masking**. One active IR channel utilizes special prisms located between the LEDs to detect any object obstructing the detector's field-of-view. The second active IR channel is located behind the lens to protect against spraying or covering the lens - even with lacquer.

The iWISE AM provides ultimate catch performance and false alarm immunity, enabled by digital signal processing, patented True Temperature Compensation and an improved lens design.

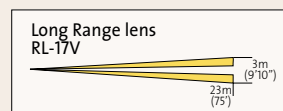
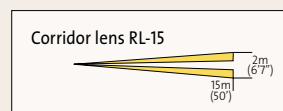
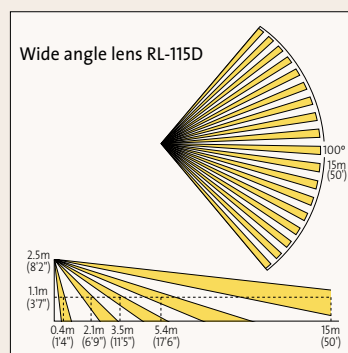


Two active IR channels for optimal Anti-Masking

- Active IR detects obstruction of field-of-view.
- Active IR detects lens covering or paint spraying.

Technical and Ordering Information for iWISE DT AM & iWISE AM

SPECIFICATIONS	iWISE DT AM with ACT™	iWISE PIR AM
Coverage	15m (50') 100°, 4 vertical levels plus creep zone	
Variable mounting height	2.1m to 3.3m (6'11" to 10'10")	
Intruder detection method	Combined PIR & Microwave with Anti-Cloak™ Technology	PIR with Digital Signal Processing
Anti-Masking method	Active Microwave + PIR logic	Two Active Infrared Channels
Trouble indication	Visual & separate AM / trouble relay	
RFI Immunity	30 V/m from 10MHz to 1 GHz	
Operating voltage	9-16 VDC	
Current consumption	12mA	20mA
Alarm and Tamper contacts	N.C., 100mA, 24VDC	
Alarm time	2.2 sec. minimum	
Optical filtering for white light protection	Pigmented Fresnel lens	Pigmented sensor shield
Operating temperature	-20° to 55° C (-4° to 131° F)	
Storage temperature	-20° to 60° C (-4° to 140° F)	
Dimensions	128 x 64 x 41 mm (5.0 x 2.5 x 1.6")	



ORDERING INFORMATION:

RK815DTAMxxA	iWISE DT AM
RK800AM0000A	iWISE PIR AM
RA91T000000A	iWISE wall swivel with back tamper
RA910000000A	iWISE wall/corner swivel
RA900000000A	iWISE ceiling swivel
RL15	Corridor lens for iWISE DT AM
RL17V	Long range lens for iWISE PIR AM

xx select the microwave X-band frequency for your market according to the following list:
 00 10.525 GHz for most countries
 UK 10.687 GHz for UK
 FR 9.9 GHz for France and Czech Republic
 DE 9.35 GHz for Germany



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