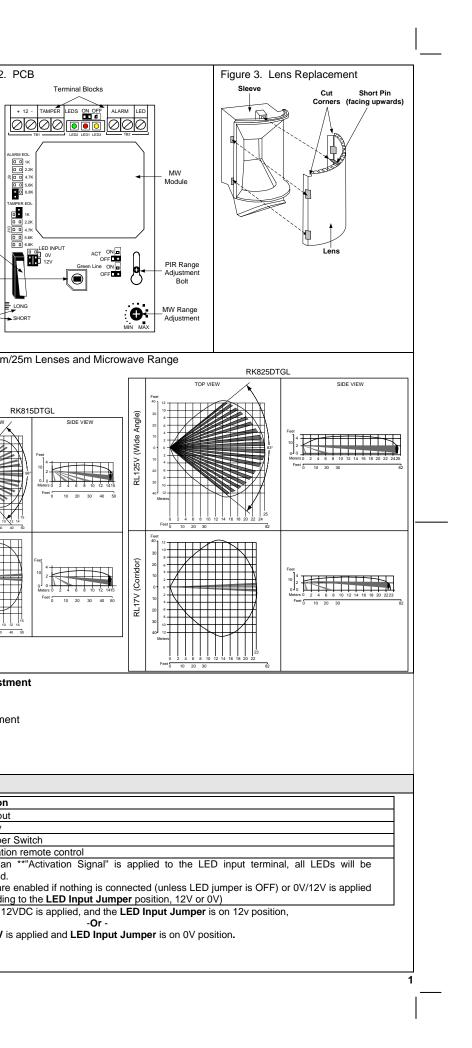
Installation Instructions	iWISE DT With ACT™ & Green Line	e 10m/15m/25m	Figure 1. Back Cover – Knockou	
iWISE DT With ACT™ & Green Line 10m/15m/25m	Dual Technology Wall Mount The iWISE DT With ACT <sup>™</sup> & Green Line detectors are the ultimate motion detectors for professional installations, incorporating Anti-Cloak <sup>™</sup> Technology (ACT <sup>™</sup> ), adhering to new environmentally friendly guidelines and complying with requirements of PD6662, EN50131-1 and TS50131-2-4 Grade 2. iWISE DT With ACT <sup>™</sup> & Green Line detectors are available in 10m, 15m and 25m models, and include built-in end-of-line (EOL) resistors to simplify installation.			A4 A5 A5 A4 A5 A5 AAAM A5 AAAM A5 AAAAM A5 AAAM A5 AAAM A5 AAAM A5 AAAM A5 AAAM A5 AAAM A5 AAAM
	Main Features			
	<ul> <li>Dual MW &amp; PIR technologies</li> <li>"Green Line" setting - for disabling the MW when the premises are occupied</li> <li>Anti-Cloak™ Technology (Patent Pending) for detecting cloaked burglars</li> <li>Opto-relays for low current consumption and long life</li> <li>Jumper Selectable EOL (End of Line) Resistors</li> </ul>	<ul> <li>Flexible installation height up to 2.7 m (8 '10 ")</li> <li>Coverage 10m x 10m (33ft x 33ft) / 15m x 15m (50ft x 50ft) / 25m x 25m (82ft x 82ft)</li> <li>Creep Zone</li> <li>Cover tamper</li> <li>Wall/corner or ceiling swivel (optional)</li> <li>Wall tamper-proof swivel (optional)</li> </ul>	Back tamper "Breakable" plate A13 A12 A11 O O O O O O O O O O O O O O O O O O	A6 Range Bdjustnent Bot Trad A8 A9 A10 A10 A6 Range Bdjustnent Bot Trad Range A7 PIR Sensor COIS Sea Sea Sea Sea Sea Sea Sea Se
RISCO Creating Security Solutions	<ul> <li>Remote LEDs disable input</li> <li>LED control polarity Jumper</li> <li>30V/m RF immunity</li> </ul>	Corridor and curtain lens (optional)	Figure 4. iWISE DT With ACT™	& Green Line 10m/15m/25m Lenses and Microwave Ra
PD6662, EN50131-1, TS50131-2-4 Grade 2, Class II	Anti-fluorescent interference signal processing		RK810DTGL	RK815DTGL
<ul> <li>nstallation Considerations</li> <li>Before installing, study the area to be proof the unit for the best possible coverage</li> <li>Corner installations are recommended. T so that the beam patterns are at 45° (opt path.)</li> <li>Never install the iWISE in an environmer condition in one technology.</li> </ul> nstallation/Maintenance <ol> <li>To open the front cover: <ul> <li>To open the front cover:</li> <li>Turn the front cover.</li> </ul> </li> <li>Loosen the PCB holding screw, located PCB and slide the PCB up until the scre opening. Lift the PCB up to remove.</li> <li>Mounting - The iWISE DT With ACTTM either on a flat surface or on a wall corn</li> <li>Using a suitable tool, open the follow detector's base (see Figure 1).</li> <li>A1, A2 and A3: External cables kno wiring knockout)</li> <li>A4, A6, A9, A12, and A15: Wall motion</li> </ol>	<ul> <li>a. operation within</li> <li>b. Do not mount the sources.</li> <li>b. Point the unit aw objects that may</li> <li>c. The installation s free.</li> <li>c. Point the unit aw objects that may</li> <li>c. The installation s free.</li> <li>c. The inst</li></ul>	and scale position based on room size:           LONG         SHORT           8'10")         10m (33')         6m (20')           8'10")         15m (50')         6m (20')	(uppund) 1 1 1 1 1 1 1 1 1 1 1 1 1	t MW range adjustment 1 Over power
<ul> <li>When using a swivel adapter use th connect the detector to the swivel a</li> <li>A5 and A10: Right corner mounting</li> <li>A11 and A14: Left corner mounting</li> </ul> Note: The A7, A8 and A13 knockouts are not to be used	e A4, A6, and A15 openings to dapter. knockouts knockouts Slide the bo the range.	bard upwards - to lower the beams and reduce		2 Under power 3 Correct adjustment A Detector B Corridor
<ol> <li>Use the base as a template for marking through the mounting holes).</li> <li>Put the base in a safe place, drill the re in the corner, and insert anchors (if nec</li> <li>Insert external cables through the cable</li> <li>Mount the rear cover in its final location</li> <li>Seal the remaining holes with a sealant</li> <li>Reinstall the PCB into its desired positi</li> <li>Wire terminal (see Terminal Wiring sec</li> <li>Changing Lenses - A lens is attached</li> </ol>	the installation holes (mark quired holes in the surface or essary). hole/holes. compound. on.	bleted, fasten the screw to secure the PCB in position. ee Jumper Setting section). the detector after each change made to the settings. cover back to its place (in a reverse e removal. < test (see Walk Test section). protective sleeve (see Figure 3).	+ 12 · TAMPER ALARM LED	Terminal         Description           - 12 +         12VDC Input           ALARM         N.C. Relay           TAMPER         N.C. Tamper Switch           LED         LED operation remote control           When an **"Activation Signal" is applied disabled.           LEDs are enabled if nothing is connected (u (according to the LED Input Jumper position **Activation Signal - If 12VDC is applied, and the LED Input
<ul> <li>Disconnect the lens from the sleeve</li> <li>Select the desired lens and make su</li> <li>Place the two pins, which are locate</li> <li>Place the holes on either side of the</li> </ul>	by gently lifting it from the holding pins that secure it are that the cut corners are pointing upwards. d on the top and bottom of the lens, into the matching lens into their matching holding pins located on the so p place on the front cover facing upwards.	to the sides of the sleeve.		-Or - 0V is applied and LED Input Jumper i



Jumper	Position	Function						
ACT		if ACT mode is enabled or disabled						
	Anti-Cloak <sup>™</sup> Tech When this situation from the microwave detection sensitivity	nology will cope with any attempt of a burglar using camoufla is identified ACT <sup>™</sup> automatically switches the detector to tri e channel for a predefined window of time. ACT <sup>™</sup> also overc when the ambient temperature is close to that of the human channel microwave triggering of alarms.	gger alarms based primarily on detection omes PIR technology's limitation of poor					
		ACT Enabled						
	to pro Impo Do no	W range must be adjusted to the minimum needed, using the potent wide full coverage for the entire protected area (see Figure 5). rtant: of use ACT™ mode if you are expecting that there will be moving obje						
		or for example.						
LED		the polarity of the external input.						
INPUT		Terminal Wiring section, LED Terminal						
	See	Terminal Wiring section, LED Terminal						
LEDS	Used to determine	the operation of the detector's LEDs						
	(Default) ON:	<b>ON</b> : LEDs are enabled, allowing LED control via the LED input Terminal llt)						
		LEDs are disabled						
Green Line	The iWISE DT With surplus emission.	n ACT™ & Green Line includes a Green Line feature that foll	ows environmental guidelines by avoiding					
	ON:	<b>ON</b> : Green Line feature is enabled: To deactivate the MW module the LEDs must be remotely disabled.						
	(Default)	Green Line feature in disabled: MW is constantly activated.						
DEOL Jumpers	control panel (see	0 allow the selection of Tamper and Alarm resistance (1K, 2 Figure 6 below). block connection diagram in Figure 6 when connecting the o	, 2					
ALARM	ALARM EOL							
EOL (J9)	○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○		ALARM EOL JUMPERS					
TAMPER EOL (J10)	TAMPER EOI     O O O O O O O O O O O O O O O O O O O		(Default) TAMPER EOL JUMPERS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					
lk Test			Microwave Adjustment					
protected are The MW rang	a to verify proper ope le can be adjusted by entiometer to the lowe	(warm-up period), walk test the Detector over the entire ration of the unit. using the potentiometer located on the PCB. It is important est possible setting that will still provide enough coverage for	Adjust Microwave coverage area by usi the trimmer on the PCB					
Ds Display			· ·					
	State	Description						
ellow –	On Flashing	PIR detection Trouble in PIR channel						
Freen	On Flashing	MW detection Trouble in MW channel						
led (	On	ALARM						
II LEDs	-lashing (consecutively)	At power-up, the LEDs will flash consecutively until the end	of the warm-up period (2-3 minutes).					

echnical Specification			rdering Inf	ormat	on				
Electrical			Part Number		Descri	ntion			
	14mA at 12\/DC /Turi							Line 10.525 (	<u>۲</u>
Current consumption	14mA at 12VDC (Typic		RK810DTGLC						
	48.5mA at 12VDC (Ma	/	RK815DTGLC		-	-		Line 10.525 (	
Voltage requirements	9 -16VDC		RK825DTGL0					Line 10.525 (	
Alarm contacts	24VDC, 0.1A		RK810DTGLF					Line 9.9 GHz	
Tamper contacts	24VDC, 0.1A		RK815DTGLF					Line 9.9 GHz	
Environmental			RK825DTGLF	RA	iWISE	DT 25m A	ACT & Green	Line 9.9 GHz	
RF immunity	30V/m (from 10MHz to	o 1GHz)							
Operating temperature	-20°C to 55°C (-4°F to	131ºF)							
Storage temperature	-20°C to 60°C (-4°F to	140°F)							
Optical		<i>,</i>							
Filtering	White Light Protection								
Physical									
Size	127.6 x 64.2 x 46.6 mr	n							
	(5 x 2.5 x 1.84 in.)								
Weight	120 gr. (4.2 oz)								
<u></u>	····· g·· ( ··· = • = )								
TTE Compliance Statemen	ıt								
araby RISCO Group, doctores ti	hat this aquipmont is in	(())				100	<u>_</u>		
ereby, RISCO Group, declares the ompliance with the essential requ		CCO <sub>Clarif</sub>	ication			CE		ation	
ovisions of Directive 1999/5/EC		Table for P/N: F					o: RK810DT		
								GLFKA, , RK825DTG	
[€①			RK815DTGL					, KK625D1G v in: AT, CZ,	
		F	RK825DTGL	00A				y III. AT, CZ,	<b>с</b> С,
				7		FI, FF	х, <b>г</b> I		
		AT BE		×	DK				
			$\checkmark$	×	GR				
		HU IE	T IT L	V	LT				
		MT	NL F	rL 🔷	BT				
		SE SL			GB				
			1 20 2		- Occ	1			
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