

180° Swivel Bracket for Beyond™ DT



Model: RA350S



Installation Instructions

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Description

The 180° Swivel Bracket has been designed to provide full swivel coverage and enhanced positioning options for the Beyond™ DT outdoor detector.

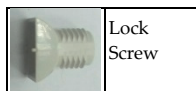
Features include:

- Enhanced 180° swivel coverage
- Designed for outdoor installation
- Cover and wall tamper.

Installation

Components Used for Mounting:

	Self-Tapping Screw		Locking Nut
	Screw		Tamper cable
	Tapping Screw		Swivel Cover
	Swivel Ring		Swivel Wall Bracket
	Swivel Joint		Swivel Bracket



Lock Screw

Step 1: Preliminary Considerations

Select the mounting location for best coverage of the area that is to be protected by the detector:

- Install the swivel bracket on a stable mounting platform and at a height of 2.2m
- Install the swivel bracket in a location where the detector's field of view is clear of any static obstacles
- Mount the swivel bracket so that walking traffic cuts across the detectors beam pattern

Step 2: Mounting the Swivel Bracket

- Using the mounting holes as a template, secure the swivel wall bracket to the wall with 3 screws (see Figure 1).
- Pull out the wires through the bracket's center hole (see Figure 1).
- Disassemble the contents of the kit.
- Install the swivel bracket on the swivel wall bracket (see Figure 2).
- Insert external wiring up through the back and into the top of the swivel bracket (see Figure 2).
- Secure the swivel bracket to the wall with a screw (see Figure 3).
- Break the knockout on the top of the swivel bracket (see Figure 4).
- Assemble the swivel joint together with the lock screw on the swivel bracket and secure with 2 self-tapping screws (see Figure 5).
- Assemble the swivel ring on the swivel bracket (see Figure 6).
- Assemble the locking nut on the swivel bracket without tightening (see Figure 7).
- Insert external wiring down through top of the swivel bracket and into the detector base (see Figure 8).
- Insert the tamper cable the same way, if a tamper alert is required (see Figure 8).
- Connect the terminal wiring and set the DIP switches accordingly (see Detector Installation Instructions).
- Remove the jumper from the tamper connector on the detector and connect the tamper cable, if a tamper alert is required (see Figure 9).
- Replace the detector cover to base and insert and fasten the screw to lock the detector (see Figure 10).
- Adjust the detector using the swivel angle selector, loosening and tightening the locking nut accordingly (see Table below).

Mounting height [m]	Swivel Angle [°]	Distance [m]
1.8	0	10
	5	7
	10	5
2.2 (optimal)	0	12
	5	8
	10	6

Mounting height [m]	Swivel Angle [°]	Distance [m]
2.5	0	N/A
	5	10
	10	7
2.7	0	N/A
	5	10
	10	7

- Perform a walk test (see Detector Installation Instructions).
- Once the installation is complete replace the swivel bracket cover and insert and fasten screw to lock the cover (see Figure 12).

* Not applicable for wireless model.



Descrizione

Lo snodo 180° è stato progettato per offrire flessibilità di installazione e migliore copertura dell'area da proteggere per i rivelatori da esterno Beyond™ DT.

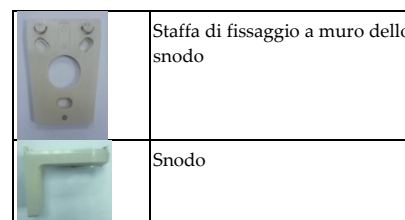
Le caratteristiche includono:

- Rotazione a 180° per una maggiore copertura
- Progettato per installazioni in esterno.
- Tamper contro l'apertura e la rimozione.

Installazione

Componenti usati per l'installazione:

	Vite autofilettante
	Vite
	Vite autofilettante
	Corona girevole
	Blocco snodo
	Vite di blocco
	Dado di blocco
	Cavetto tamper
	Coperchio snodo



Passo 1: Considerazioni preliminari

Selezionare la posizione di installazione per una migliore copertura dell'area che il rivelatore dovrà controllare:

- Installare la staffa dello snodo su di una superficie solida e stabile ad una altezza di 2,2 metri
- Installare la staffa dello snodo in una posizione dove il campo di vista del sensore non venga coperto da ostacoli fissi.
- Installare la staffa dello snodo in modo che gli eventuali intrusi siano obbligati ad attraversare l'area di copertura.

Passo 2: Montare la staffa dello snodo

- Usare la staffa di fissaggio a muro come dima di foratura e fissarla a muro con 3 viti (vedi Figura 1)
- Tirare il cavo di collegamento attraverso il foro centrale della staffa (vedi Figura 1).
- Disassemblare il kit.
- Montare lo snodo sulla sua staffa di montaggio a muro (vedi Figura 2)
- Passare il cablaggio esterno dal retro e poi nella parte superiore dello snodo (vedi Figura 2).
- Fissare lo snodo al muro con l'apposita vite (vedi Figura 3).
- Aprire il foro a sfondare nella parte superiore dello snodo (vedi Figura 4).
- Assemblare il blocco snodo insieme alla vite di blocco sullo snodo e bloccarli con le due viti autofilettanti (vedi Figura 5).
- Montare la corona girevole sullo snodo (vedi Figura 6).
- Avvitare il dado di blocco sulla vite di blocco senza stringerlo. (vedi Figura 7).
- Inserire il cablaggio dalla parte superiore dello snodo fino all'interno della base del rivelatore (vedi Figura 8).
- Inserire il cavo dell'interruttore tamper della staffa di fissaggio nello stesso modo se richiesta la protezione contro la manomissione (vedi Figura 8).
- Cablare la morsetteria e impostare i microinterruttori come richiesto (vedi Istruzioni di Installazione del Rivelatore).
- Rimuovere il ponticello dal connettore tamper del rivelatore e connettere il cavo dell'interruttore tamper, se richiesta la protezione contro le manomissioni (vedi Figura 9).
- Rimontare il coperchio del rivelatore sulla base, inserire e stringere le viti per chiudere il rivelatore (vedi Figura 10).

- Regolare il rivelatore usando il selettore di rotazione angolare allentando e stringendo la vite di blocco in funzione della regolazione (vedi la tabella seguente).

Altezza di install. (m)	Angolo di inclinazione (°)	Distanza (m)
1.8	0	10
	5	7
	10	5
2.2 (ottimale)	0	12
	5	8
	10	6
2.5	0	N/A
	5	10
	10	7
2.7	0	N/A
	5	10
	10	7

- Effettuare una prova di movimento (vedi Istruzioni di Installazione del Rivelatore).
- Non appena l'installazione è stata terminata rimontare il coperchio della staffa di fissaggio e inserire la vite di blocco del coperchio.

* Non applicabile per il modello radio.



Figure 1

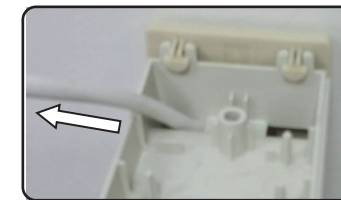


Figure 2

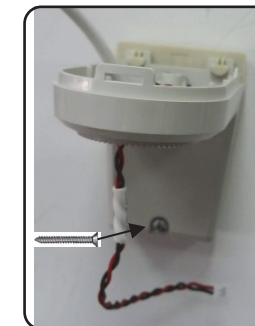


Figure 3



Figure 4



Figure 5



Figure 6



Figure 7



Figure 8



Figure 9



Figure 10



Figure 12

Ordering Information

RA350S00000A	180° Swivel for Beyond DT
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RTTE Compliance Statement:

Hereby, RISCO Group declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. For the CE Declaration of Conformity please refer to our website: www.riscogroup.com.

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