

# RF Deactivators



**Cross Point RF Deactivators are combined label detectors and label deactivators, designed for high speed & long distance detection and deactivation of RF Labels.**

Single loop antenna technology enables flexible and optimized use of deactivation antennas including integration with barcode scanners.

The Non-connected RF Deactivator is a stand-alone label deactivator that can be perfectly combined with Cross Point's MODUS RF antenna line.

The Connected RF Deactivator can be connected with Cross Point's web based Integrated Loss Prevention Platform, called CrossCONNECT.

When connected to our CrossCONNECT platform the Connected RF Deactivator counts succeeded and failed deactivations so that the label quality is checked constantly. Reports can be sent to your mailbox and information can be flexibly integrated into existing management information systems. Remote maintenance guarantees optimum operation at minimum cost.

## Unique features

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Detect before deactivation

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Optical indicators for label detection

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Interlock possibility for POS scanners (connected version only)

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CrossCONNECT enabled (connected version only)

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## Cross Point Deactivator Line

### Features

	Non-connected Deactivator	Connected Deactivator
Detect before deactivation	●	●
Cash register controlled deactivation using an input	-	●
LED output for label detection	●	●
Synchronization with our RF systems	-	●
CrossCONNECT enabled <sup>1</sup>	-	●
Remote maintenance <sup>1</sup>	-	●
Selectable buzzer volume	-	●
Count deactivation with time stamp	-	●
Distinction between successful and failed deactivations <sup>1</sup>	-	●
Compatible with CrossCONNECT Access Point	-	●
Dual loop support (parallel)	●	●
Use different antenna loops and scanner loops	●	●
AC PSU required <sup>2</sup>	●	-
DC PSU (powered over the field bus)	-	○
Plexiglas antenna plate (black)	○	○

### Detection distance

Detection with 4 x 4 cm paper label <sup>3</sup>	up to 30 cm	up to 30 cm
Deactivation 4 x 4 cm paper label <sup>3</sup>	up to 33 cm	up to 33 cm

### Specifications

Controller box (W / H / D)	220 / 120 / 50 mm	
Antenna plate (W / L / H)	250 / 250 / 5 mm	
Weight (controller box / antenna plate)	0.5 / 0.4 kg	
Operating frequency	7400 – 8800 kHz	
Power supply (external)	Input 230VAC 50Hz Output 12VAC 500mA	Input 100-240VAC 50-60Hz Output 15VDC 1A
Power over field bus	-	●
Ambient temperature	0°C to 50°C	
Relative humidity	0% to 90%, non-condensing	
Input / Relays (NO, NC, COM)	-	1 / 1
Installation distance from receiver antenna if not synchronized	> 1 m	

● standard available

○ optional

- not available

<sup>1</sup> In combination with the CrossCONNECT Access Point  
<sup>2</sup> Not allowed when connected to our RF systems

<sup>3</sup> Fully coupled and depending on label quality and environment