

# FF Data Sheet | Anti Ligature Mounting Base

## FWMB/AL

### Anti Ligature Mounting Base for Axis

The Anti-Ligature Base is purpose-built for environments where safety is a priority, such as mental health or custodial settings.

It's designed to allow the detector to detach from its mounting when downward force (2kg or more) is applied, preventing tampering or ligature risk.

After separation, the ceiling-mounted adapter conceals all cabling, leaving no exposed components or anchor points.

### How It Works

The mechanism consists of two parts:

- **Part A:** This component terminates the loop wiring and is secured into a standard electrical termination box using two flathead M4 x 0.7P countersunk screws. Screws must be long enough to sit flush with the PCB. For added security, tamper-proof screws are recommended. Part A sits flush against the ceiling, clamping the ceiling material (e.g., Gyprock) between itself and the electrical box.
- **Part B:** This attaches to the standard AXIS-MB detector base terminals.

### Connection & Safety Feature

Once both parts are installed, electrical contact is made via a non-locking slide-in connector.

The detector assembly (including Part B) connects magnetically to Part A using two strong magnets. If a downward force of 2kg is applied, the parts separate safely, disconnecting the detector without damaging wiring or leaving dangerous fixtures behind.



### Key Features

- 2KG separation of the detector from Anti Ligature adapter.
- If removed the device is easy to reinstall and can only be installed in 1 direction.
- Part A is flush with the ceiling.
- Very discreet and almost invisible. The device looks like a standard device once installed and only adding 3mm to the overall depth of the device.
- Easy electrical connections using a standard electrical termination box
- All Fusion detectors can be used as the base is a standard mounting base



Specifications

|                       |                           |
|-----------------------|---------------------------|
| Dimensions (W x D)    | 110mm x 19mm              |
| Operating Temperature | (no icing) -10°C to +55°C |
| Approval              | BMP 722205                |

Part Number

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