

Speech Language	English
	French
	German
	Italian
	Spanish
	Japanese
Key Sounds	Off
	On
Advanced	
Top Diode	
Bottom Diode	
Profile	10mm
	43mm
Display	Status
	Averages
	Version
Access PIN	
Serial Number	
Firmware Ver.	
Detector FW	
	Tx
	Rx

- + + -

+ - + u110ut

y + / H + I
HQ VIN z + -+ .
/ ktXQ - + N t

y + / H + I
TXIN t -+ + +
- +N

mR QP0mS QP
mR TP0mS TP

i + -

y . +

l / . +

l- - -+

y -

+ + / . + N

1 / 1 +

l / . +

y -+ +
z + + - - P -+ + . ri + + / + -+L + - /
z + + + + + /+ + -+L +
z + + + /+

	⊞
Q	'2' indicates 2D trigger
2	'3' indicates 3D trigger
3	If untriggered, 1 -3 indicate approximate distance in cm (max 250cm)
fl	'S' detectors are in energy saving mode
5	'T' 1 or more diodes timed out, 't' permanent trigger
î	'!' Separator between status and config
ï	'v' if visible mode on
ì	'N' visible normal, 'D' visible demo mode, 'E' visible external inputs, 'T' visible trigger

9	'1' 10mm profile, '4' 43mm profile
10	'3' if 3D enabled
11	'c' 3D active on closing, '8' 3d on at 800mm, 'a' 3D on always, 't' 3D 10s timeout, 'w' 2D 20s timeout
12	'H' for 3D high sensitivity, 'M' 3D intermediate sensitivity, 'L' 3D low sensitivity
13	'P' 48 beam mode
14	'S' sleep (energy saving mode) ON
15	'T' timeout ON

6. Visible Diodes Modes detailed

Ext. Inp. Open

Ext. Inp. Close

The door open and close signals can be either rising e.g. signal goes from 0V to +24VDC, or falling so +24VDC to 0V for example. The signals are connected to terminals 13 and 14 (Door Closing) and 14 and 15 (Door Opening). Note: the inputs are not polarised.

There are two methods of using the external door inputs:

1. Nudging: when the Panachrome* is used in Normal mode and the elevator controller provides a nudging facility, then the nudging control signal can be connected to the Panachrome* D/C (Door Closing) input. This will ensure that when the doors close under nudging control the Panachrome* visible diodes remain red, even if the detectors are triggered.
2. Open/Close signalling: this provides the fastest visible diode response to indicate door movement, but if the detectors are statically mounted then these inputs can be used to activate the red/green indications.

7. 3D Modes detailed

On at Closing

3D proximity detection will be activated as the doors begin to close. The system will allow up to three consecutive triggers on the 3D (this can be changed by the Timeout Count setting up to 10 triggers). After this, the 3D will be turned OFF leaving only the 2D detection. If there is a 2D trigger then the Timeout Count is reset.

On at 800mm

This mode of 3D operation is similar to ON at Closing but the 3D will only become active when the doors are closing and have reached a separation of approximately 800mm. This mode is usually for wider doors to restrict the range of 3D detection into the landing.

On Always

The 3D detection will always be active without the 3D timeout timer (see following modes).

On (10s)

In this mode the 3D detection is activated when the doors have reached their fully opened position (max 1.2m). As long as the 3D detection zone is clear the doors will be closed normally by the door operator. However, if someone is inside the 3D detection zone then the doors will be held open i.e. the main relay is de-energised and a timer is started. If the timer expires the doors are allowed to close with an intermittent beep sounding as a warning. This beep will occur regardless of the beeper setting. If the 3D zone becomes clear then the timer is reset and the main relay is re-energised allowing the doors to close. If there is a 2D trigger at any time, the timer will then be reset and the door operator relay is de-energised which allows the doors to re-open. The 3D timer is set at 10 seconds internally.

On (20s)

This is the same as ON (10s) but the timer is set to 20 seconds.