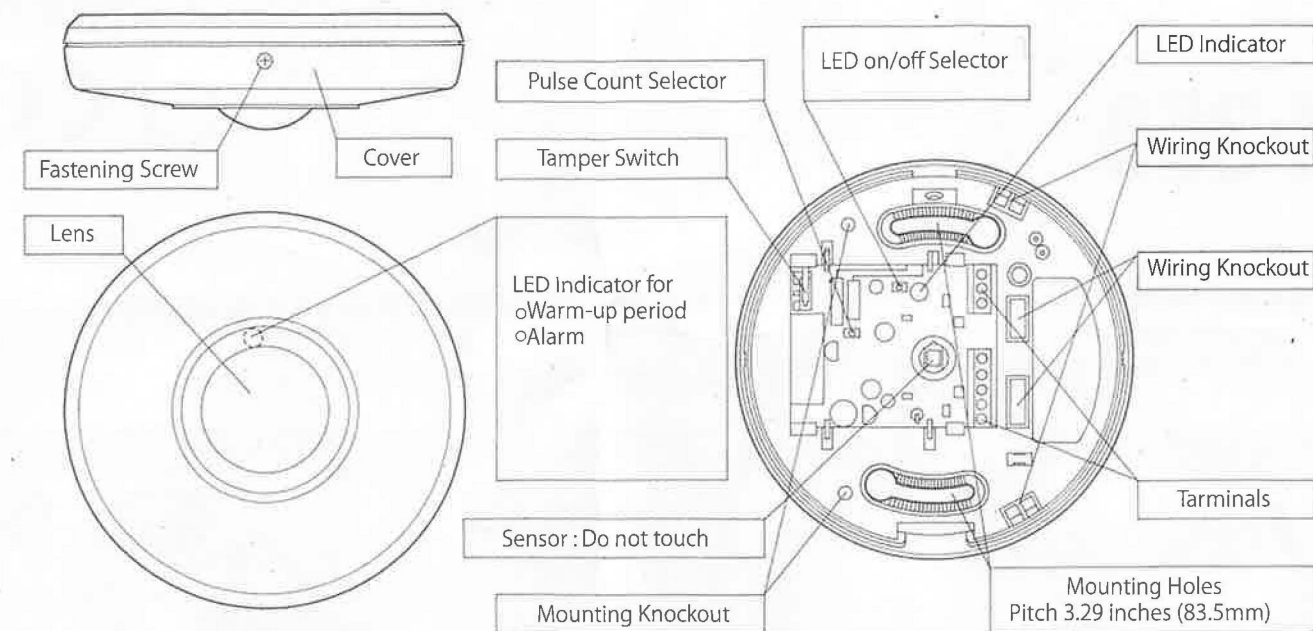
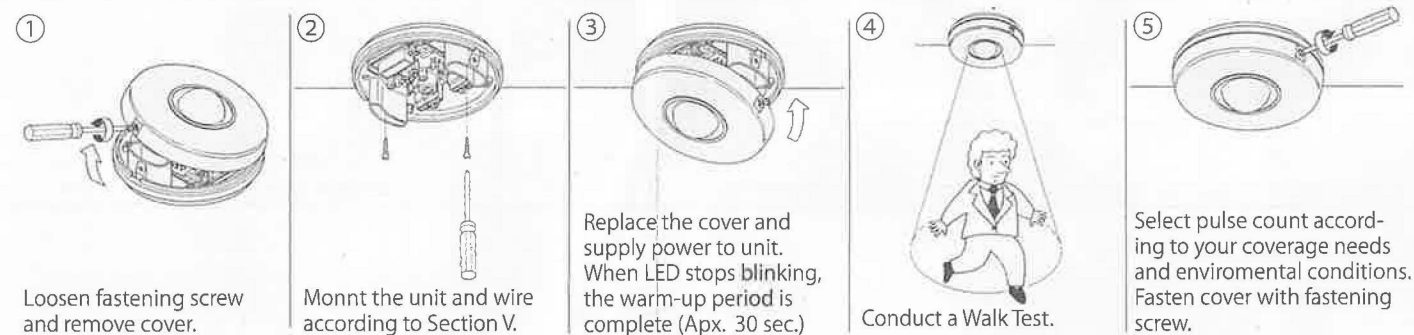


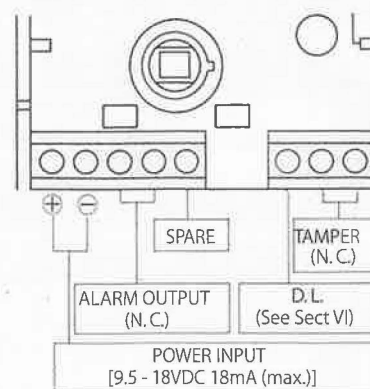
III. DESCRIPTION AND OPERATION



IV. INSTALLATION METHOD



V. WIRING



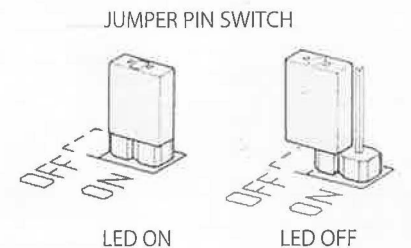
Power wires should not exceed the following lengths.

WIRE SIZE	FX-360	
	12V	14V
AWG22 (0.33mm ²)	1070' (320m)	2140' (650m)
AWG20 (0.52mm ²)	1700' (510m)	3400' (1020m)
AWG18 (0.83mm ²)	2700' (820m)	5300' (1600m)

- When using two or more units on one wire, the maximum length is obtained by dividing the above length by the number of units used.
- UL requires FX-360 to be connected to a UL listed power supply capable of providing a nominal input of 12 VDC (9.5 - 18 VDC) 18 mA (max.) [FX-360], and battery standby time of 4 hours.

VI. LED ON-OFF

- Use Jumper Pin Switch for LED "ON"/"OFF" as shown.
- Use D.L. terminal to turn LED ON-OFF from control panel remotely.
 - Place Jumper Pin Switch in OFF position.
 - LED On: Connect D.L. terminal to common ground with detector
 - LED Off: No connection to the D.L. terminal.



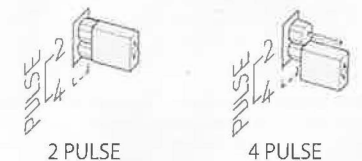
	Remotely	At the Detector
LED Enabled	Connect DL terminal to common ground (with detector).	Connect (-) terminal of power input to DL terminal.
LED Disabled	No ground to DL terminal (open circuit).	No connection to DL terminal (open circuit).

VII. PULSE COUNT

Select 2 for regular applications. For unstable environments, select 4. Shift Pin Switch as shown.

* NOTE ON PULSE COUNT DURING WALK TEST

Once initial movement is detected during the walk test, subsequent movements that are within the delayed timer period (approx. 20 seconds) will override the pulse count setting and cause an instant trigger. This feature assures location of each detection zone and accelerates the confirmation of pattern coverage in the walk test.



VIII. TROUBLE SHOOTING AND MAINTENANCE

PROBLEM	PROBABLE CAUSE	REMEDY
LED does not light.	In correct power supply voltage. (disconnection, low voltage)	Correct supply voltage to 9.5 - 18V DC.
	Incorrect detection area.	See Section II.
	Incorrect polarity to detector.	Switch positive and negative at terminal.
	LED switch is OFF	Turn on the Switch. See Section VI.
LED lights even though no person within area.	Moving object within area. (curtain, wall hanging, etc.)	Remove object from detection area.
	Rapid temperature changes within area. (heater, air-conditioner, etc.)	Remove the sources from detection area.
LED lights but signal is not sent.	Relay contact is stuck or damaged due to overloading.	Check load of output. The unit needs repair or replacement.
	Faulty Wiring	Wire correctly.

* Conduct a walk test at least once per year.