

10

1 LED ON/OFF Switch (SX-360Z only)

- LED.**
ON
OFF
FOR STM
S TYPE C

- LED can be enabled or disabled remotely by using DL terminal.

Note>>

- 12

Model	SX-360ZV
Alarm memory	Armed : 0 to 1 VDC, See section 8.
Initial Alarm memory	Max.40 detectors See section 8.
Current draw	16 mA(normal), 28 mA(max)
Weight	227 g (8,00 oz.)
RF interference	No Alarm 30 V/m

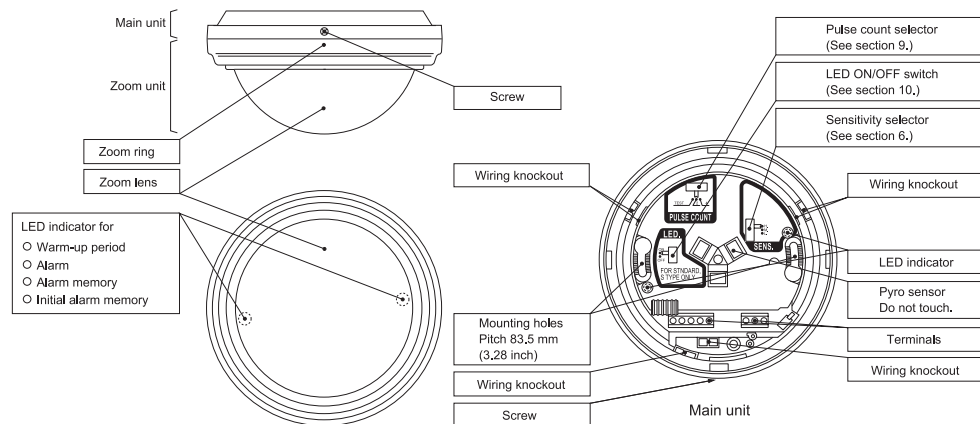
* Specifications and design are subject to change without prior notice.

- This unit is designed to detect movement of an intruder and activate an alarm control panel. Being only a part of a complete system, we cannot accept responsibility for any damages or other consequences resulting

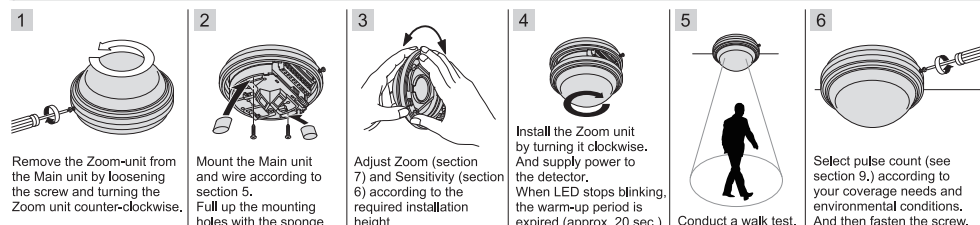
- CE EMC Directive
2004/108/EC
EN 50130-4: 2011
EN 55022: 2010
PD6662:2010

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3 PARTS IDENTIFICATION



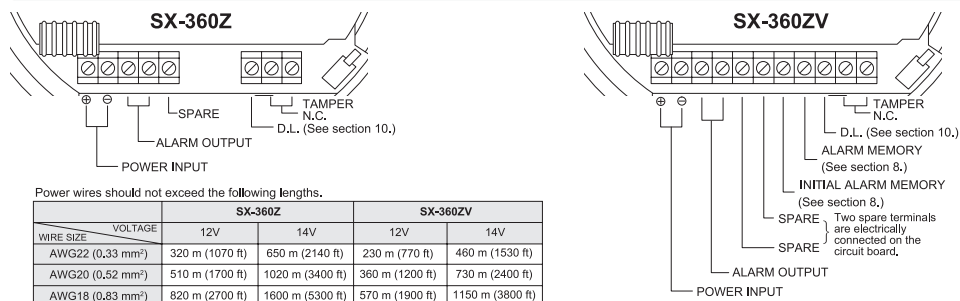
4 INSTALLATION METHOD



Note>>

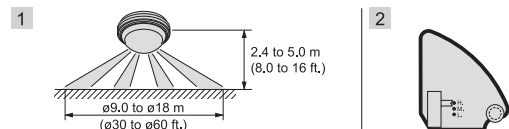
- When the warm-up period is expired, alarm is generated once. This is an electric characteristic of SX-360Z and not a mal-function.
- Conduct a walk test at least once a year.

5 WIRING



- 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 SX-360Z to be connected to a UL listed power supply capable of providing a nominal input of 12 VDC and battery standby time of 4 hours.

6 SENSITIVITY ADJUSTMENT



Select the sensitivity "H (High)", "M (Medium)" or "L (Low)". The following chart shows recommended setting for diameter of detection area.

SENS.	L	M	H
DIAMETER OF DETECTION AREA	ø9.0 to ø12 m (ø30 to ø40 ft.)	ø12 to ø15 m (ø40 to ø50 ft.)	ø15 to ø18 m (ø50 to ø60 ft.)

7 ZOOM AREA ADJUSTMENT

The SX-360Z series detection pattern can be adjusted for installations at any height, between 2.4 to 5.0 m (8.0 to 16 ft.)

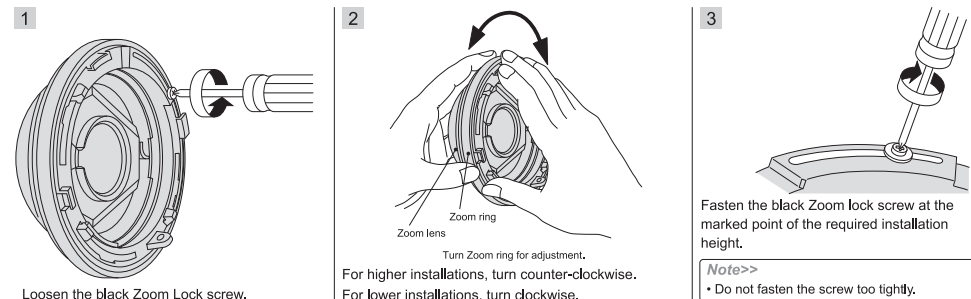
<DETECTION AREA CHART>

MOUNTING HEIGHT	ZOOM-LOCK SCREW				
	A	B	C	D	E
5.0 m (16 ft.)	ø18 (ø60)	-	-	-	-
4.3 m (14 ft.)	ø16 (ø52)	ø18 (ø60)	-	-	-
3.7 m (12 ft.)	ø14 (ø48)	ø15 (ø50)	ø18	-	-
3.0 m (10 ft.)	ø11 (ø37)	ø12 (ø40)	ø15	ø18	-
2.4 m (8.0 ft.)	ø9.0 (ø30)	ø10 (ø34)	ø12	ø15	ø18

Unit: m (ft.)



<ADJUSTING THE ZOOM UNIT>



8 INITIAL ALARM MEMORY & ALARM MEMORY (SX-360ZV)

The SX-360ZV can indicate an alarm history during armed period by wiring ALARM MEMORY terminal (A.M.) shown in the following section. It indicates on the LED after the system is disarmed. In case that several detectors are connected in one loop, it can indicate which one detected intrusions. In addition, by wiring INITIAL ALARM MEMORY terminal (I.A.), detectors can indicate which one detected intrusion first.

1 System status

The detector recognizes whether the system is armed or disarmed by detecting the voltage of control panel output through the A.M. terminal.

Status	Control panel output
System armed	0 - 1 VDC (grounded)
System disarmed	Open

"grounded" = A.M. terminal is electrically connected with power supply terminal (ground).

2 Reset

Alarm memories are reset automatically when the system is armed again.

Note>>

- A suitable control panel is required for alarm memory.
- Alarm memory is operated whether the LED is disabled or not.
- Alarm memory is not latched while system is disarmed.
- LED operation and alarm output are not affected by the status of alarm memory function while system is armed.

3 Wiring and LED indications

Function	Wiring	LED indications
Alarm memory	Control Panel I.A. A.M. I.A. A.M. I.A. A.M.	All alarm memories are shown by blinking LED. Control Panel 1 2 3 Disarmed 1 OFF 2 Blinking 3 Blinking
Initial alarm memory	Control Panel I.A. A.M. I.A. A.M. I.A. A.M. Note>> Up to 40 detectors can be connected in one loop for initial alarm memory.	Initial alarm memory is shown by a blinking LED. Other memories (from the second detection on) are shown by a lighting LED. Control Panel 1 2 3 Disarmed 1 OFF 2 Blinking 3 Lighting

9 PULSE COUNT ADJUSTMENT



Adjust pulse count as follows.

PULSE COUNT	TEST	2	4
USAGE	Instant alarm mode Select this position for walk test only.	Factory default position Select this position for most applications.	For bad environments, changing temperatures etc.