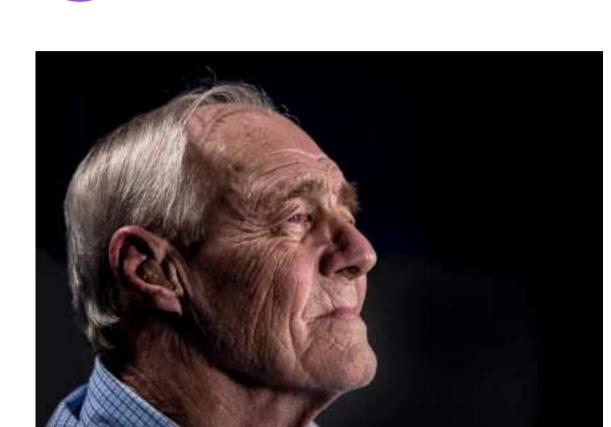
To meet the health tracking needs in nursing room, the newly developed thermal presence detector has released a new firmware, which can support out of bed/room detection, exit without return and audio exception detection. The unconventional camera-shaped design makes it friendly to the elders, and thermal imaging can greatly protect privacy.

Pain Points of Current Nursing Industry



Accidents

The treatment as soon as possible for the patients or elderly is very important if any accident occurs.



Privacy Concern

The patients or elderly will feel uncomfortable when noticing security cameras monitoring their bed/room.



Unexpected Disappearance

The patients or elderly might leave the room and get lost without nursing assistants during night, which is extremely dangerous.

Solution with Presence Detector



Privacy protection

Thermal image only, GDPR risk-free.
Non-traditional security camera appearance, small in size.





People Number Exception

room, it will alert the care center.

Alarms when people number meets the predefined value.
When unexpected person breaks in, or overstays in the



Out of Bed Detection

Alarms when elderly people is out of bed. Rule can be set during the night to alert the care center as a pre-warning.



Audio Exception Alarm

Alarms when screaming or yelling is detected.

The care center will be notified if physical abuse occurs.



Out of Room Detection

Alarms when elderly people leave the room.

Draw the rule area and the care center will be notified if the elderly leaves during the night.



Leave without Return Alarm

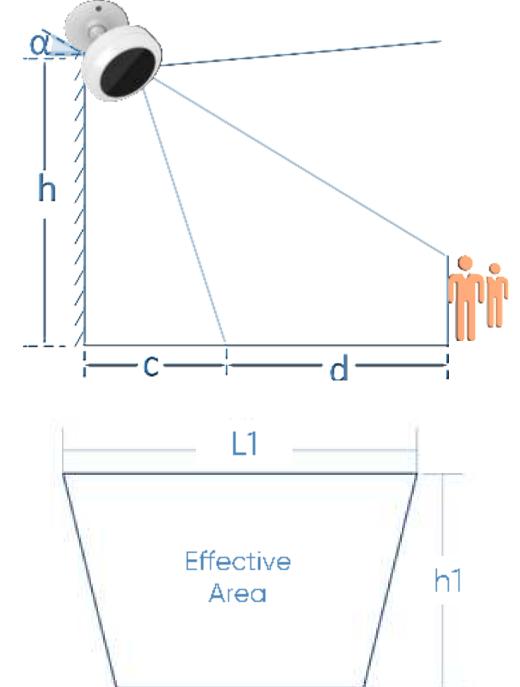
Alarms when elderly people leaves and did not return for predefined duration.

NOTE: You can get the above mentioned features with the firmware V5.5.54.

Product Showcase

	HS111	HS111 (B)	HS121						
Thermal	160 × 120, 17 μm								
Lens	1.5mm	1.31 mm	1.9 mm						
FOV	100° (H) x 83° (V)	110° (H) x 82° (V)	90.0° (H) × 65.3° (V)						
Smart Features	People Counting/Out of Bed (Room) Detection/Leave without Return Audio Exception Temperature Exception/Anomaly								
Alarm Output	1 channel for relay output								
Power Supply	5-16 VDC, type-C, POE Injector (coming soon)								





Model	Installation Angle	Device Height (m)	Dead zone (m)	L1 (m)	L2 (m)	H1 (m)	Area (m2)
HS111	30°	2.8	0	1.4	4.1	4.2	11.8
		3	0	1.7	4.7	5.1	16.4
		3.2	0	2.3	5.6	5.9	23.2
		3.4	0	2.6	6.4	6.9	31.4
		4	0	2.9	7.0	8.8	43.8
	60°	3	0.4	1.3	11.0	9.2	56.4
		3.2	0.5	1.8	12.4	9.2	65.1
HS121	60° -	3	0.7	1.2	11.0	10.0	61.0
		3.2	1.1	1.6	12.5	11.0	77.6