■PASSIVE SENSOR TRANSMITTER　TX-105 (W, L, R, S)　TX-105 (WL, LL, RL, SL)

●A passive sensor transmitter for indoor ceilings, available with four types of alert areas and two types of power supplies.
●Easy to adjust detection sensitivity, count frequency, and controlled transmission function using the switch in 4 steps, according to the surrounding environment and application
●Operation can be easily checked using two test modes: walk and transmission tests.
●The battery normally lasts around 2 years [TX-105 (W, L, R, S)] and 8 years [TX-105 (WL, LL, RL, SL)] when transmitting 100 times a day.
●Monitors the radio wave arrival status using the regular transmission function.
●Equipped with an anti-tampering function to notify when the sensor is removed due to vandalism or on purpose.
●Transmits the battery exhaustion signal to the receiver and the body indicator blinks when the battery voltage drops below a certain level.
●If an error occurs in the internal sensor circuit, the indicator will blink and the error signal is transmitted.

■OPTIONAL ACCESSORIES

●Battery attached separately
<BA-105>

●Ceiling and wall mount attachment
<BCW-401>

●Wall mount attachment
<BL-5000>

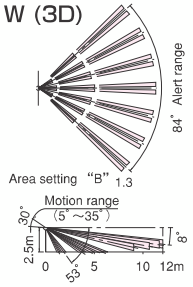
●AA alkaline battery
<LR-6>

●Dedicated lithium battery
<CR17450E-R-2-CM2>

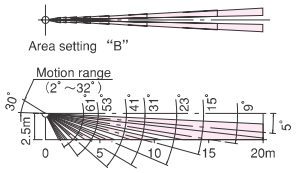
●Dedicated AC adapter
<DC-1115>

■DETECTION AREA DIAGRAM

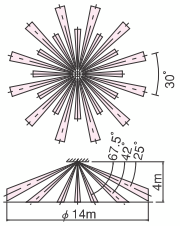
W (3D)



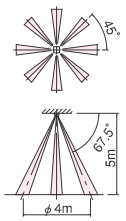
L (surface)



R (round)



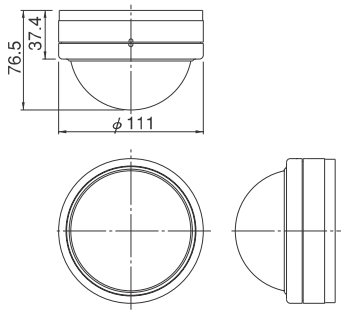
S (spot)



■SPECIFICATIONS

Model No.	TX-105 (W, L, R, S)	TX-105 (WL, LL, RL, SL)
Detection system	Passive infrared system	
Detection area	3D (W), Surface (L), Round (R), Spot (S)	
Standard power supply	AA alkaline battery x 2 included	Dedicated lithium battery included
Optional power supply	Dedicated lithium battery BA-105・DC-1115	BA-105・DC-1115
Battery life	Approx. 2 years (100 transmissions per day)	Approx. 8 years (100 transmissions per day)
	*The battery life is only for reference for the operation at normal temperature, which is not guaranteed.	
Operating frequency band (output)	426MHz band (10mW max.)	
Radio wave arrival distance	Approx. 100m (line-of-sight distance)	
Included functions	Battery exhaustion function, Regular transmission function, Controlled transmission function, Operation test function	
Mounting position	Indoor (ceiling)	
Ambient temperature range	-10°C to +50°C	
Weight	Approx. 230g (excluding battery)	
Appearance	Housing: ABS resin (white) Cover: PE resin (white)	

■EXTERNAL DIMENSIONS (UNIT: mm)



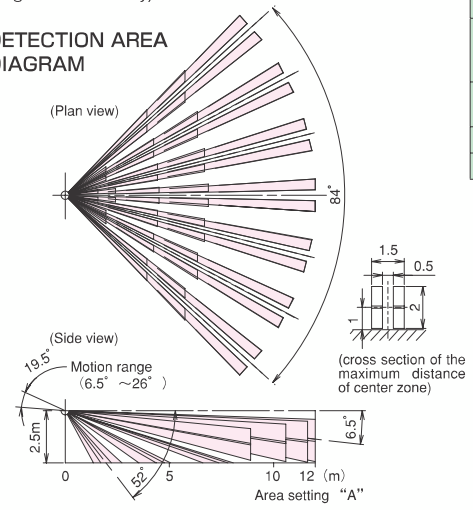
■TWIN MIRROR TYPE PASSIVE SENSOR TRANSMITTER　TX-105TWL

●Two pairs of optical units are incorporated in the sensor, each of which has twin type elements.
●The 3D detection area (12m max.) comprised by two pairs of optical units helps to keep the best position according to the protection distance, regardless of the set length, and reduces erroneous operation due to environmental factors, including small animal intrusion.
●Equipped with the count changeover function to set the frequency from 1/2/3/4 times, using the mode selector according to the installation site.
●Equipped with the micro motion detection function to detect small movements of human beings.
●Incorporates the transmission control function to extend the battery life by switching the mode selector when used in a location of high detection frequency.(10, 120, 300, 900 sec.)
●The sensitivity can be set in 4 steps by switching the mode selector.Has a detection sensitivity switching function to realize the protection using the most appropriate sensitivity according to the installation site.
●Adjustment range: 120%, 100%, 80%, 60%
●Monitors the radio wave arrival status using the regular transmission function.
●The battery normally lasts around 6 years with the dedicated lithium battery installed.
(Transmitting 100 times a day)

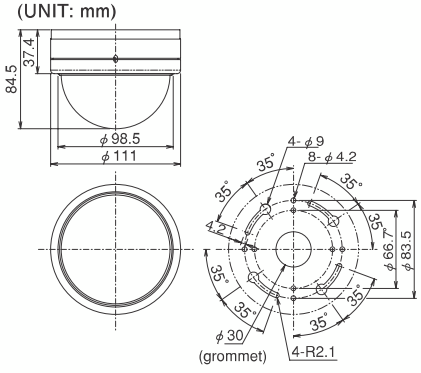
■SPECIFICATIONS

Model No.	TX-105TWL
Detection system	Passive infrared system
Alert area	3D alert, maximum length 12m, 17 pairs
Power supply * Either of the options on the right	CR17450E-R-2-CM2: 1 set (Dedicated lithium battery) /3V DC-1115: 1 set (Dedicated DC pack)/11V
Battery life	Approx. 6 years (100 transmissions per day, at normal temperature) When using CR17450E-R-2-CM2 *The battery life is only for reference for the operation at normal temperature, which is not guaranteed.
Operating frequency band	426MHz band (wireless equipment of low power security system)
Output	10mW max.
Radio wave arrival distance	Approx. 100m (outdoor line-of-sight distance)
Ambient temperature range	-10°C to +50°C (The battery function may deteriorate below 0°C or at 40°C or higher.)
Mounting position	Indoor: On the ceiling (Can be mounted on the wall using an optional attachment.)
Weight	Approx. 250g (excluding battery)
Appearance	Housing: ABS resin　Cover: PE resin

■DETECTION AREA DIAGRAM



■EXTERNAL DIMENSIONS (UNIT: mm)



Reference diagram for mounting

■OPTIONAL ACCESSORIES

●Ceiling and wall mount attachment
<BCW-401>

●Dedicated lithium battery
<CR17450E-R-2-CM2>

●Dedicated AC adapter
<DC-1115>