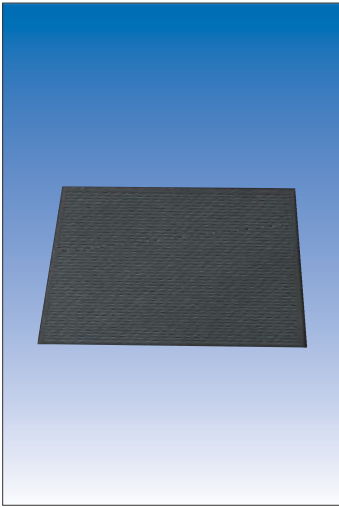
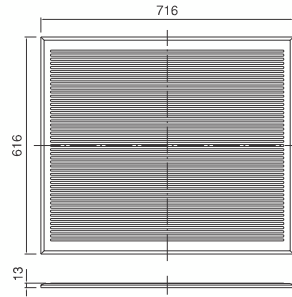


■MAT SWITCH TRANSMITTER TX-109



- Transmits the signal generated when a mat is stepped on to the receiver via radio waves.
- Utilizes a coin type lithium battery, and no wiring is required.
- This waterproof type can be installed either indoors or outdoors, if on a flat surface, and used for various applications to detect an intruder or intrusion to a dangerous area.

■EXTERNAL DIMENSIONS (UNIT: mm)



■SPECIFICATIONS

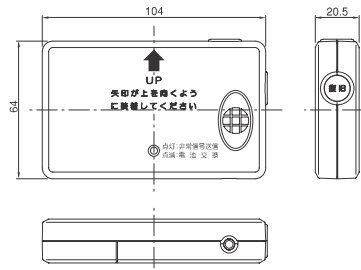
Model No.	TX-109
Transmitter	
Power supply	Coin-type lithium battery (CR2032) included
Battery life	1 transmission per day: Approx. 2 years 20 transmissions per day: Approx. 1 year Transmission cycle: 10,000 times *The battery life is only for reference for the operation at normal temperature, which is not guaranteed.
Operating frequency band (output)	426MHz band (3mW max.)
Radio wave arrival distance	Approx. 100m (line-of-sight distance)
Mat switch	
Maximum allowable weight	150kg/cm ² max.
Operation pressure	0.2 to 1.02kg/cm ²
Non-sensible area	Perimeter 26mm
Structure	Waterproof
Mounting position	Indoor/outdoor flat places
Ambient temperature range	-10°C to +50°C (The battery function may deteriorate below 0°C or at 40°C or higher.)
Weight	Approx. 8,000g
Appearance	EPDM (black)

■FALLING DETECTION TRANSMITTER EXH-TK1



- Generates an alarm and automatically transmits a low power wireless signal when the owner of this unit falls and remains down for more than the set time, which is regarded as an emergency.
(Falling retention timer: can be set to 10, 30, 60, and 120 sec.)
- Emergency calls are also available using the push button.
- Can be mounted around the belt of trousers using the attached soft case.
- Has a transmission delay timer function (Transmitted 10 seconds after the generation of the preliminary alarm)
- External notification is possible if the jack alarm output is connected to your PHS or mobile phone (excluding some models).

■EXTERNAL DIMENSIONS (UNIT: mm)



■SPECIFICATIONS

Model No.	EXH-TK1	
Power supply	9V DC alkaline battery: 6LR61	
Battery life	Approx. 1 year (when transmitting once a day, and ringing the alarm for 10 sec. at normal temperature) *The battery life is only for reference for the operation at normal temperature, which is not guaranteed.	
Transmission part	Operating frequency band	426MHz band (wireless equipment of low power security system)
	Output	10mW max.
	Antenna	Incorporated
Radio wave arrival distance	100m max. (line-of-sight distance)	
Tilt detection angle	60° to 135° from vertical line	
Alarm output	28V · 0.2A (ON resistance approx. 3.5Ω)	
Timer settings	Falling detection timer: 10, 30, 60, 120 sec Transmission delay timer: 0 (None), 10 sec.	
Operation switch	Emergency button Recovery button	
Alarm sound	Preliminary alarm (beep, beep, beep, beep) Full alarm (Piririri, piririri)	
Indicator (red LED)	Transmission (output): ON Battery exhaustion: Blinks	
Included functions	Battery exhaustion function Regular transmission function	
Ambient temperature range	-10°C to +50°C (The battery function may deteriorate below 0°C or at 40°C or higher.)	
Weight	Approx. 140g (including battery and soft case)	
Appearance	Housing: ABS resin (black) Soft case: PU resin (transparent, black)	

■SYSTEM CONFIGURATION DIAGRAM

