

Technical Specification

		Date: 08-10-2017		Version: V00
#	Item	Specification	Remark	
1	Testing Standard	GB/T 14960-1994		
2	Recommended Working Condition	Environmental Temperature	0~55℃	
		Relative Humidity	45~75% RH	
		Atmospheric Pressure	86-106Kps	
		Environmental Luminance	Nature Light or 200 ± 50 lx	
3	Recommended Storage Condition	Environmental Temperature	-10℃ ~55℃	
		Relative Humidity	45~75% RH	
		Atmospheric Pressure	86-106Kps	
		Environmental Luminance	Nature light or 200 ± 50 lx	
4	Electrical Specification	Operating Current	≤100mA	
		Static Current	≤3uA	
		Rated Working Voltage	DC 3V	
		Working Voltage Range	2.4V-3.2V	
		Infrared Wavelength	950±50nm	850~1050nm
		Carrier Frequency	38 Khz ± 0.5 Khz	
		Resonator Frequency	IRHC	
		Transmit Power	≥ 40uW/c m ²	
		Transmit Distance (AxialDirection)	≥8M	
		Transmit Distance (AngleDirection)	≥6M	
		Transmit Angle	≤30°	
		Transmit Distance under Working Voltage 2.5V	≥4 m	
		High Temperature Storage Test	55℃ (2h~2h)	
		Low Temperature Storage Test	-25℃ 2h~2h)	
5	Mechanical Performance	Case Material	ABS	
		Case Color	See page of Remote Layout	
		Keypad Material	Silicon	
		High of Unpressed Button	≤3 mm	
		High of Pressed Button	≥0.5 mm	
		Press Force	270 ± 80 g	
		Button Load Life	≥100K times	
		PCB Material	Papery-WD-1.5mm	
		Sticker Material	PVC	
		Temperature Range for Sticker Storage	0~55℃	
		Humidity Range for Sticker Storage	45%-75%	
		IC	SU037P1S	
		IC Package	SOP16	
		Battery	2×AAA	
		High of Free Drop Test	76cm (wood floor)	Thickness of wood≥3cm
		Times of Free Drop Test	3 times	
		Oscillatory Test	10~30~10 displacement rate: 0.75mm 30~55~30 displacement rate: 0.15mm	3 times