

XenD103HP



Narrow Frame Human Presence Detection mmWave Sensor

- Super narrow frame: Space-saving and easy to install
- Flexibly Configurable: Configure parameters for each range gate
- Disturbance Avoidance: Accurately detect target within the range and avoid outside interference
- Regulation Compliant: In accordance with national and international regulations, support quick installation

Specifications	
Target Application	Human presence detection 0 ~ 5 m (detection area adjustable)
Operating Frequency	24 ~ 24.25 GHz in accordance with FCC/CE
Operating Voltage	3.3 V
Average Current	33 mA
Senor SoC	S3 series (1T1R)
Hardware Size	35 mm x 7 mm
Field of View	120 ° x 60°
Interface	UART
Installation Method	Wall mounted

Minimalist design meeting the design requirements of narrow frame products. Detect target in specified area using FMCW. Perform high sensitivity human presence detection by integrating radar signal processing and accurate human detection algorithm. Can detect moving and motionless human body.

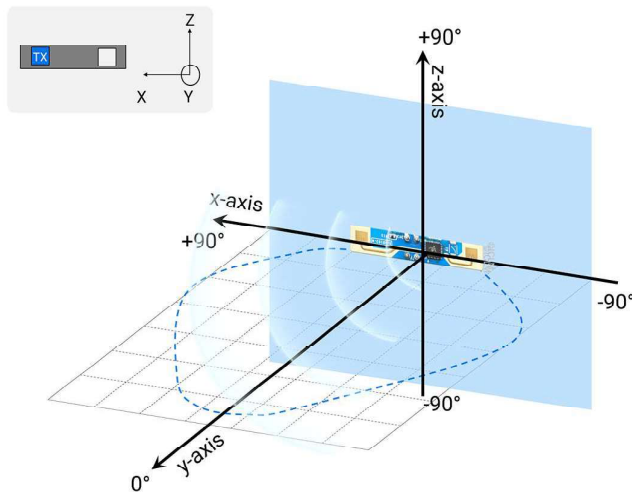
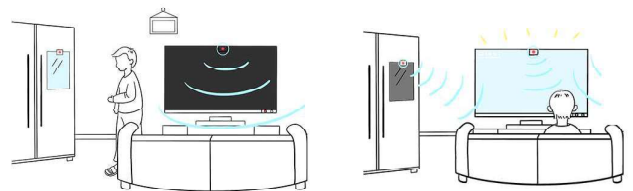
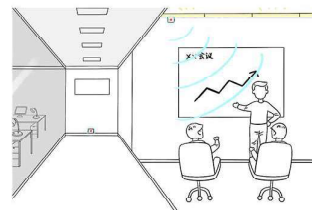


Illustration of Detection Range

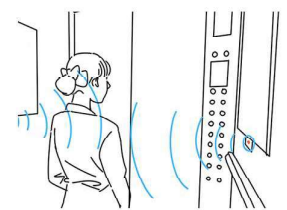


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