

ZETA® Low-Power Wide Area Networks

Edge-AI Sensor (Vibration)



Product Description

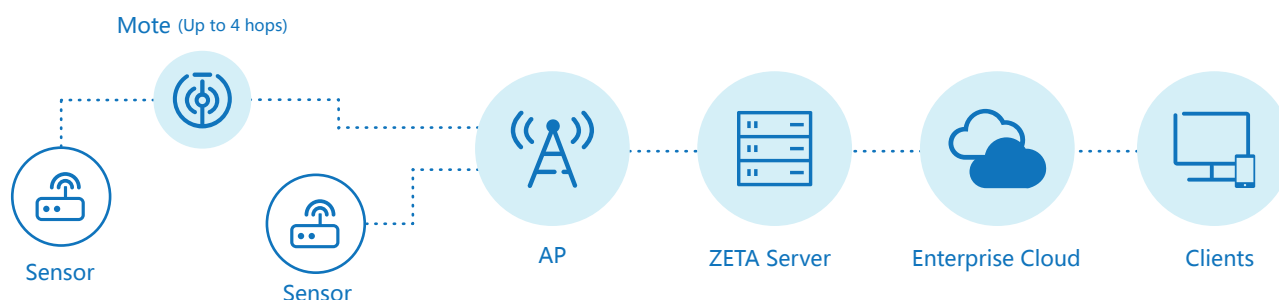
ZETA low-power module design, based on the unsupervised recognition algorithm, with self-learning function, automatically learns the frequency spectrum characteristics of the normal vibration signals. Determine the equipment operating status by detecting the vibration condition of the equipment, and predict the equipment failures.

Application Scope

- Building facilities, factory equipment, bridges, outdoor billboards, etc.

Features

- Wireless transmission
- Battery-powered, low power consumption
- Easy to install, high sensitivity
- Reliable detection, real-time transmission



Product Parameters

Product No	VBZ1ZT	
Wireless Features	Transfer protocol	ZETA
	Frequency band	Sub-GHz
	Transmit power	Comply with local regulation, maximum of 20dBm
Electrical Features	Power supply	Battery , 2*ER14505
	Battery capacity	2*2400mAh
	Stand-by current	≤10uA
	Working current	≤70mA
Physical Features	Size	66*55*36mm
	Shell material	ABS
	Waterproof level	IP45
	Antenna	External glue stick antenna
Sensor characteristics	Precision	0.001g
Working Environment	Operating temp.	-20°C~+60°C
	Storage temp.	-45°C~+85°C

Contact Us



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