

MODELS: H200 / H300 / H500

TVOC SENSOR

VOC Monitoring | Fixed-Mount | Ultra-Low Power



KEY INDICATORS

0-100,000 ppb

Measuring Range

1 ppb

Resolution

MQTT

Protocol

**Electrochemical
/ PID (by gas)**

Sensing Principle

**>10 Years (1-
Hour Reporting)**

Battery Life

OVERVIEW

Hitecom's TVOC sensors track total volatile organic compounds from 0 to 100,000 ppb at 1 ppb resolution, protecting paint shops, chemical storage and laboratories with remote alarms

FEATURES



Resolution: 1 ppb



IP68 Protection Rating,
Customizable



Wide Range: 0-100,000 ppb



Support NFC activation, add and
maintain devices



Energy-Efficient Tech for Long-
Lasting Performance



Supports Multiple Wireless Tech: 4G,
NB-IoT, LoRa



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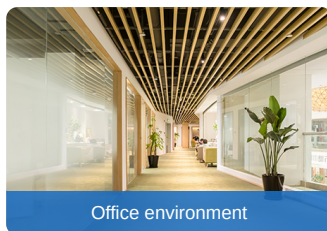
APPLICATIONS



Smart Industry



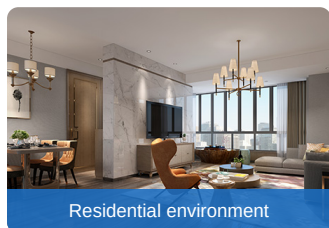
Chemical Plant



Office environment



Hospital



Residential environment



Smart building

SPECIFICATIONS

Item	Description
Product Models	H200/H300/H500
Measuring Range	0-100,000 ppb
Resolution	1 ppb
Protocol	MQTT
Sensing Principle	Electrochemical / PID (by gas)
Frequency band	LTE-TDD:B34/B38/B39/B40/B41LTE-FDD:B1/B3/B5/B8
Battery Life	>10 Years (1-Hour Reporting)
Installation	Ear Mount · Duct Mount

Specifications may vary by configuration. Hitelecocom supports OEM/ODM customization — contact us for variants, certificates and the latest revision.



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