

MODELS: H200 / H300 / H500

CUSTOM GAS SENSOR

100+ Gases | Fixed or Ducted | OEM/ODM



KEY INDICATORS

**100+ Gases
Customizable**

Target Gases

**Per Gas
(Customized)**

Measuring Range

MQTT

Protocol

**Electrochemical
/ NDIR / PID**

Sensing Principle

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

Battery Life

OVERVIEW

Pick the gas - we build the terminal around it. Hitecom's custom gas sensors support 100+ gases including CO, H2S, NH3, O3 and CH4, in fixed or ducted enclosures for industrial safety

FEATURES



Electrochemical / NDIR / PID
Principles



IP68 Protection Rating,
Customizable



100+ Gases: CO, H₂S, NH₃, O₃,
CH₄...



Support NFC activation, add and
maintain devices



Energy-Efficient Tech for Long-
Lasting Performance



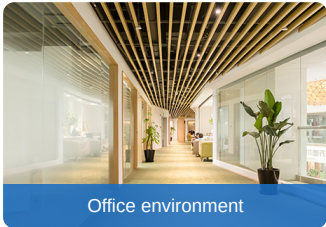
Supports Multiple Wireless Tech: 4G,
NB-IoT, LoRa



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APPLICATIONS



SPECIFICATIONS

Item	Description
Product Models	H200/H300/H500
Target Gases	100+ Gases Customizable
Measuring Range	Per Gas (Customized)
Protocol	MQTT
Sensing Principle	Electrochemical / NDIR / PID
Frequency band	LTE-TDD:B34/B38/B39/B40/B41LTE-FDD:B1/B3/B5/B8
Battery Life	>10 Years (1-Hour Reporting)
Installation	Fixed · Ducted

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

