

Oxygen Sensor



QH-OS01

Key Features

Oxygen Sensor work with our MDVR, show atmosphere is about 20.7%. When oxygen concentration is below 19%, Create alarm, safe people!

Equipment: Through RS232 to connect with MDVR, it can monitor school bus inside/carriage's oxygen concentration.

The normal oxygen concentration in normal atmosphere is about 20.7%. When oxygen concentration is below 19%, it will occur alarm. And linkage with IO-output alarm (with external alarm light, driver will know and open window).

Also it can link with specified camera on the CMSV6, pop up screen on CMSV6 automatically.

CMS client : CMSV6 GUI will show oxygen concentration value (like below vehicle information).

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Factory Address: 12/F,C area, HuiLongDa Industrial Park,Shiyan street,
Baoan district,Shenzhen city, Guangdong province, China.





Specification

Model	QH-OS01
Supply Voltage (Vs)	5V
Supply Current (Is)	<7.5mA (streaming 1 sample per second), <20mA Peak
Output Type	RS232
Operating Temperature	-30°C to +60°C
Storage Temperature	-30°C to +60°C
Humidity	0-99% Rh (non-condensing)
Barometric Pressure Range	100 to1400mbar (LOX-01);500 to1200mbar (LOX-02)
Oxygen Measuring Range	0-300mbar ppO ₂ ,0-25% O ₂ (LOX-02)
Response Time	T90 <30s (Typical)
ppO2 Accuracy / Resolution	<2%FS / 0.1mbar
Temperature Accuracy / Resolution	Indication Only / 0.1°C
Pressure Accuracy / Resolution	±5mbar / 1mbar (LOX-02)
O2% Accuracy / Resolution	Determined by ppO2 and Pressure Accuracy / 0.1% (LOX-02)
oxygen sensor Lifetime	>5 years
Body size	83*31.65mm

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This Product can work with:

8ch H.265 Mobile DVR	8ch 1080P Mobile DVR	4ch AHD + 4ch IPC Mobile DVR	4ch single SD Card MDVR
			

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