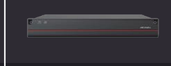
		Fiber-Optic Vibration Sensing Server 5 KM Dual-Ch	Fiber-Optic Vibration Sensing Server 10 KM Dual-Ch	Fiber-Optic Vibration Sensing Server 50 KM Dual-Ch
				
Basic	Product Model	DS-QFV0502	DS-QFV1002	DS-QFV5002
	Fiber Type	Single mode (ITU-T G.652D)	Single mode (ITU-T G.652D)	Single mode (ITU-T G.652D)
	Channel	2	2	2
	Single-Channel Dectection Range	5 km	10 km	50 km
	Postioning Accuracy	± 5 m	± 5 m	± 5 m
	Frequency Response	10 Hz to 50 kHz	0.1 Hz to 5 kHz	0.1 Hz to 5 kHz
	Alarm Response Time	≤ 2 s	≤ 1 s	≤ 1 s
Function	Alarm Trigger	Intrusion alarm, fiber cut alarm, tampering alarm	Intrusion alarm, fiber cut alarm, tampering alarm	Intrusion alarm, fiber cut alarm, tampering alarm
Interface	Fiber interface	2 FC/APC fiber interfaces	2 FC/APC fiber interfaces	2 FC/APC fiber interfaces
	Alarm	1 relay output	1 relay output	1 relay output
General	Power	100-240 V~50/60 Hz 1.4 A	100-240 V~50/60 Hz 1.4 A	100-240 V~50/60 Hz 1.4 A
	Power Consumption	< 60 W	< 60 W	< 60 W
	Laser Classification	Class 1	Class 1	Class 1
	Operating Temperature	-15° C to 55° C (5° F to 131° F)	-15° C to 55° C (5° F to 131° F)	-15° C to 55° C (5° F to 131° F)
	Operating Humidity	0% to 93% (± 2%)	0% to 93% (± 2%)	0% to 93% (± 2%)
	Dimension	67 mm × 483 mm × 443.5 mm	Server: 186 mm x 483 mm x 475 mm Processor:141 mm x 483 mm x 498 mm	Server: 186 mm x 483 mm x 475 mm Processor:141 mm x 483 mm x 498 mm
	Weight	Approx. 8.2 kg (18.08 lb.)	Approx. 25 kg (55.1 lb.)	Approx. 25 kg (55.1 lb.)

Fiber-Optic Vibration Sensing System

Intelligent sensing, exploring infinity

HIKVISION

Fiber-Optic Vibration Sensing System

Intelligent sensing, exploring infinity

www.hikvision.com
support@hikvision.com

Distributor Address

Meet Fiber-Optic Vibration Sensing System

At Hikvision, we offer optical fiber products that use light waves and optical fibers to detect and respond to environmental changes precisely. Our solution is perfect for perimeter intrusion detection, especially over long distances.

Key Features

HIGH ACCURACY

Reduce false alarms and improve maintenance efficiency with **DAS** (Distributed Acoustic Sensing) algorithm and deep learning.

ULTRA-LONG DISTANCE & METRE-LEVEL LOCALIZATION

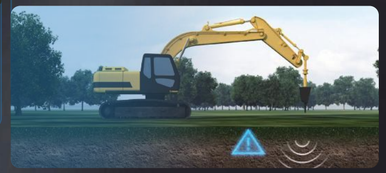
±5 M positioning accuracy over tens of kilometers. No worries about long perimeters or blind spots.

LINKAGE WITH VIDEO SECURITY SYSTEM

Dual protection by adding to any security system in perimeter protection scenarios.

SAFE 24/7 MONITORING

Safe from fire and explosions, insulated from electricity, adaptable in tough conditions, immune to electromagnetic interference, and 24/7 monitoring.



Integrated with Video System for Greater Precision

1st Level false alarm filtering: self-developed HIK-DAS algorithm

2st Level false alarm filtering: link with deep learning CCTV systems

HIKVISION

Application Scenarios

Critical infrastructure
Industrial parks, energy stations

Long-distance fenced perimeter
Airports, railway lines, high-speed guardrails

Buried facilities
Buried pipelines

Off-grid areas
Farms