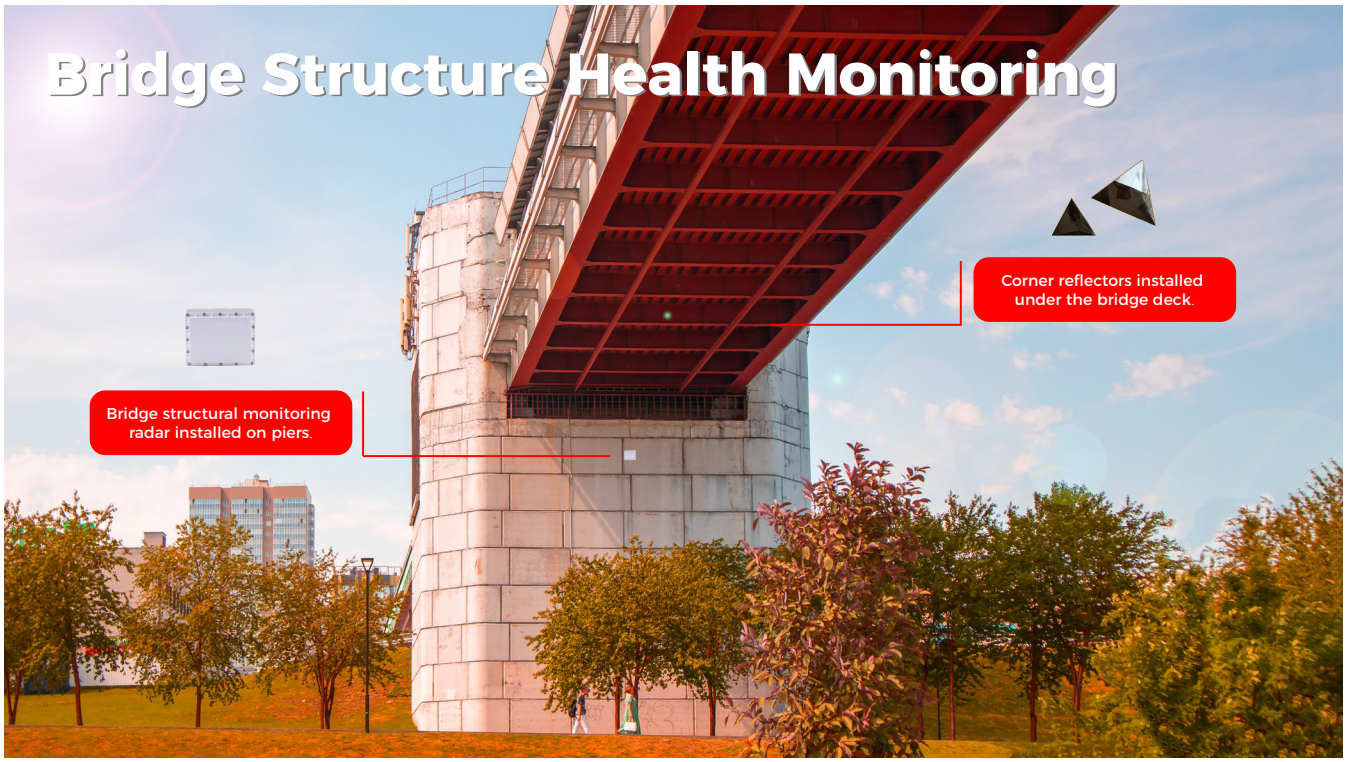
ClairWav-BH10

Bridge Health Monitoring Radar

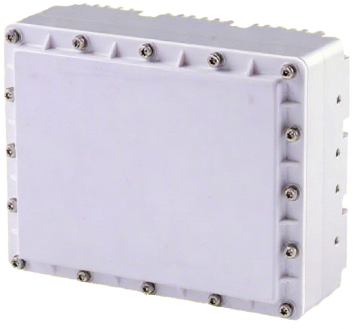


Overview

The ClairWav-BH10 bridge health monitoring radar enables real-time acquisition of various response data from bridges under different operating environments. By integrating structural response data with bridge inspection information for correlation analysis, and applying intelligent analytical algorithms, it evaluates the bridge's operational status. This provides accurate, real-time data support for bridge health monitoring and maintenance management.

Key Features

- Millimeter-wave radar technology enables precise capture of micro-displacement changes.
- All-weather continuous monitoring delivers highly reliable, real-time data updates.
- Automatic analysis and alerting – no manual intervention required.
- Low-cost deployment for economical implementation.
- Pier-mounted installation with convenient access to power and network supply.



Specification

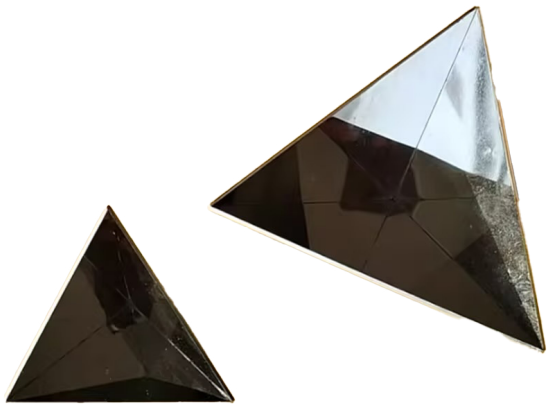
Model	ClairWav-BH10
Dimension	143*112*56.4mm
Weight	1.3kg
Environmental Temperature	-40 to 74℃
Power Supply	DC12V (8W)
Protection Class	IP67
Detection Range	100m
Monitoring Angle	4°-10°
Ranging Accuracy	≤0.5mm
Data Rate	10-20fps

Ordering Information

Model	Description
ClairWav-BH10	Bridge health monitoring radar enables real-time acquisition of various response data from bridges under different operating environments.
EXT-CR	Corner reflector for ClairWav-MD10, ClairWav-SD1K and ClairWav-BH01.



ClairWav-BH10



EXT-CR