

Application Scenarios:
Steel mills / Ports / Mines / Power Plant / Cement



Product Series: **BTZN-GJ5110A**

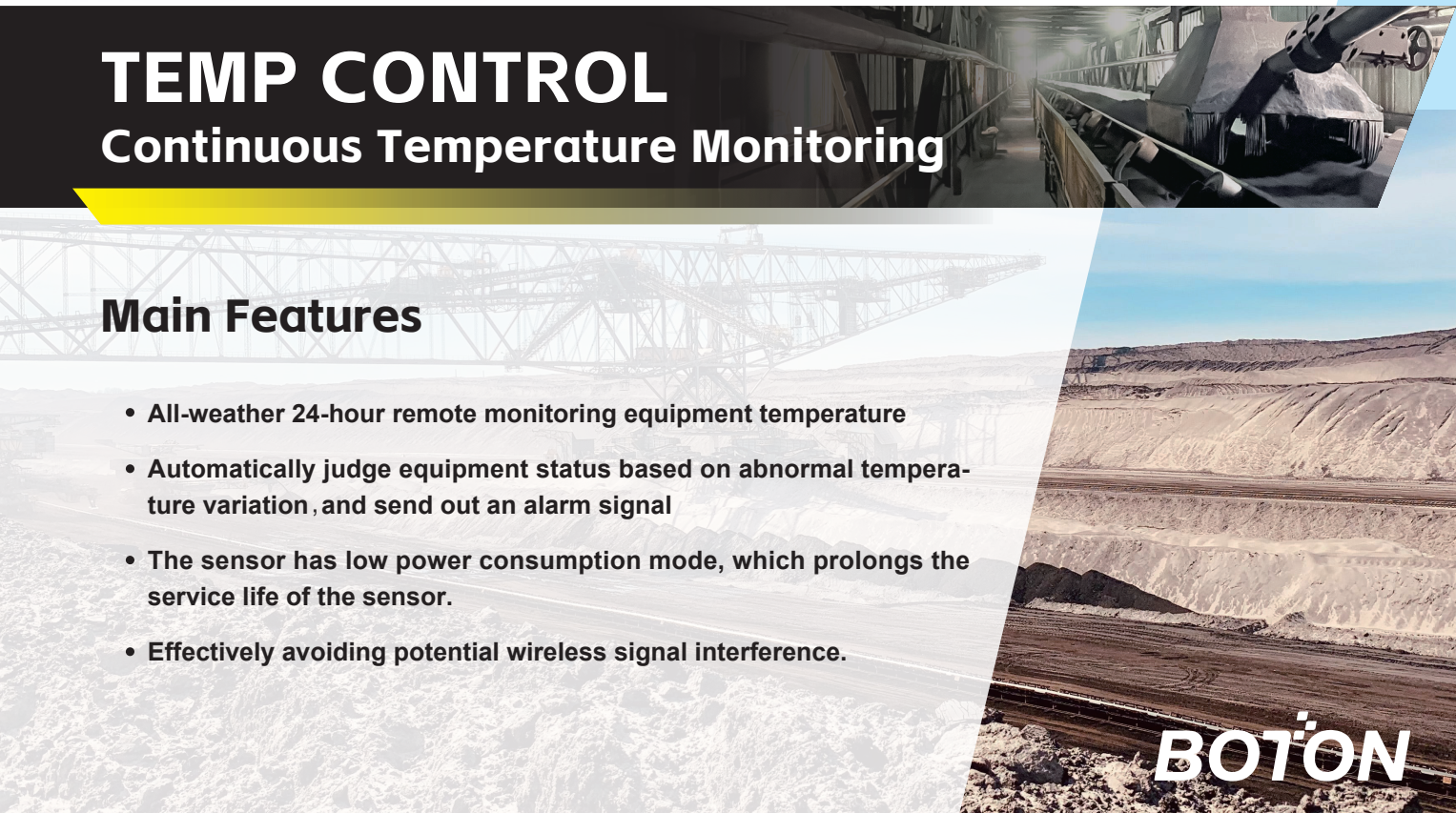
This system is used to monitor rotating equipment's temperature variation, such as reducers, motors, roller bearings, etc., which automatically determining the health status of these equipments, identifying their faults timely at early stages, thereby reducing conveyor downtime that caused by power equipment failures. Ensure normal operation of the equipment with continuous and stable production.

TEMP CONTROL

Continuous Temperature Monitoring

Main Features

- All-weather 24-hour remote monitoring equipment temperature
- Automatically judge equipment status based on abnormal temperature variation, and send out an alarm signal
- The sensor has low power consumption mode, which prolongs the service life of the sensor.
- Effectively avoiding potential wireless signal interference.



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Convenient installation

Fix by magnetic

High measurement accuracy

Measurement accuracy $\pm 0.5^{\circ}\text{C}$

Wireless data transmission

High flexibility, Rapid deployment

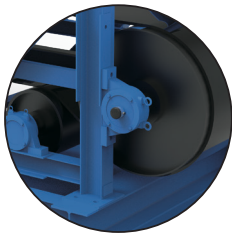
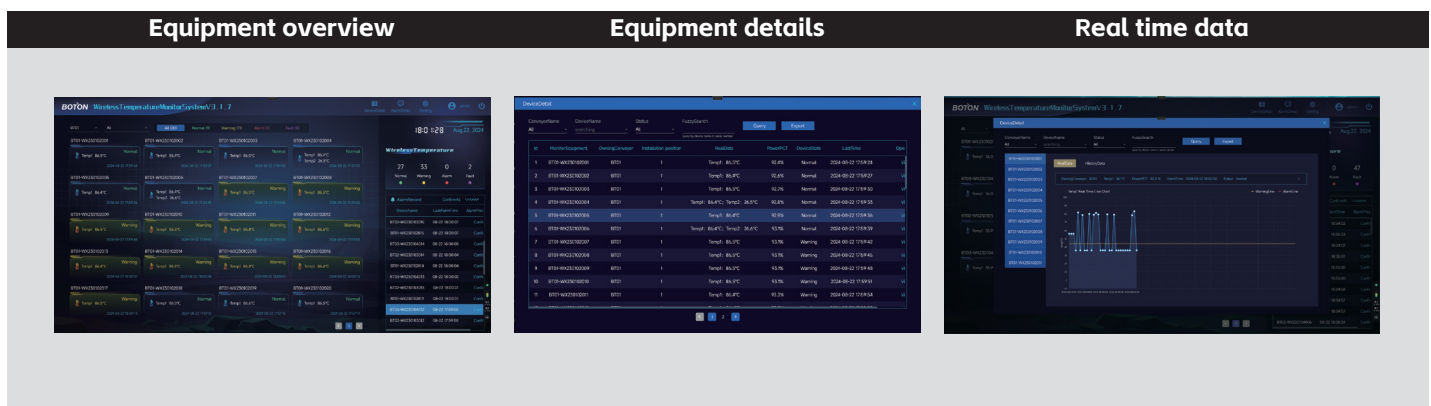
Strong transmission signal

Long communication distance and strong anti-interference ability

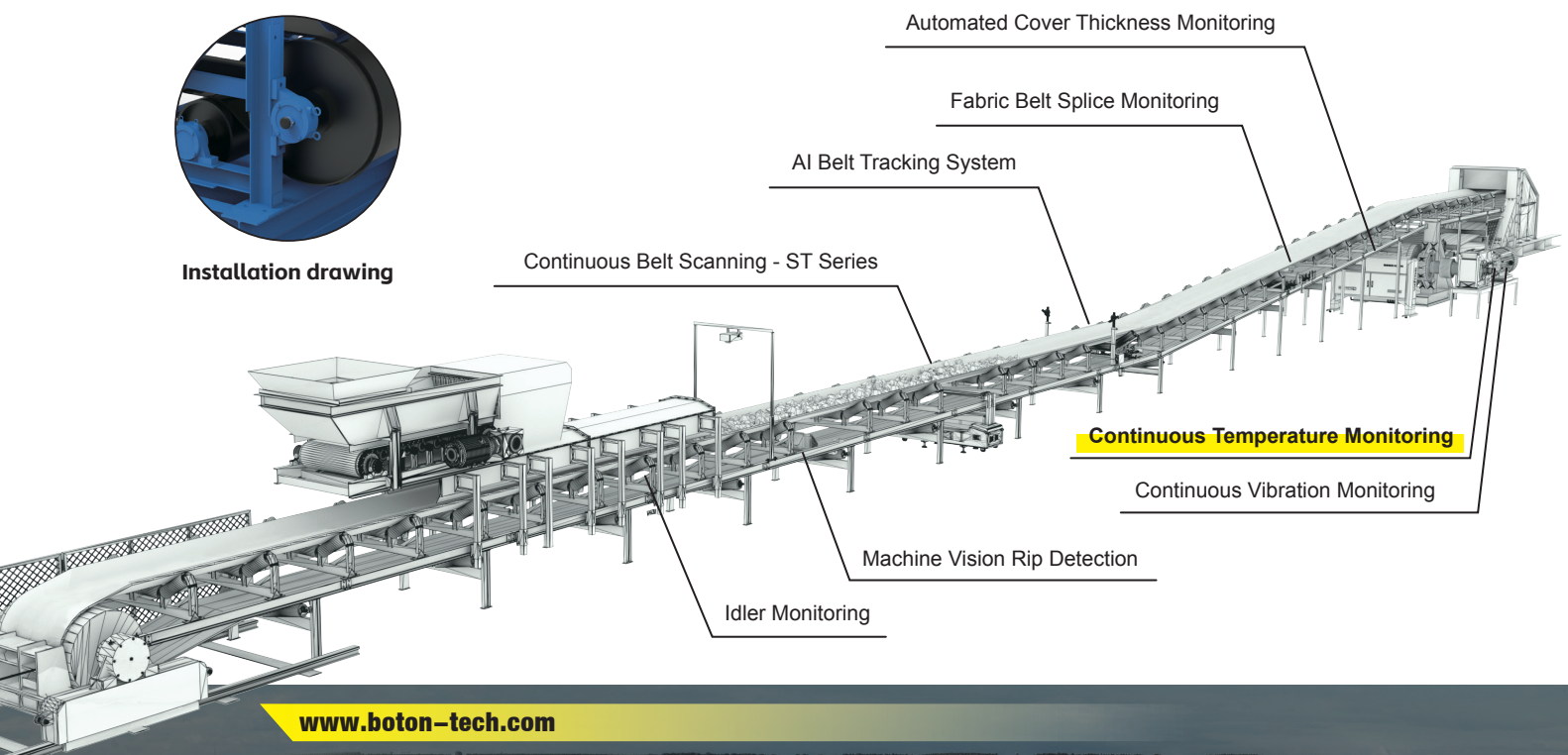
Main Technical Parameters

Category	Parameters	Category	Parameters
Communication frequency	433-470MHz	Working temperature	-20 - 60℃
Temperature measurement range	-40 - 120℃	Storage temperature	-40 - 80℃
Temperature error	±0.5℃	Relative humidity	≤ 95%RH (without condensation)
Atmospheric pressure	80-106Kpa	Power supply method	internal battery
Wireless communication distance	sight distance ≤ 900m	Battery life	2 years @25℃ (replaceable)

Software Platform



Installation drawing



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Boton focuses on providing intelligent service solutions for industrial bulk material handling. Our main business includes intelligent turnkey service, overall solutions for intelligent conveying, aim for energy saving, environmental protection and green transformation etc. Boton takes the lead in launching a new model of "integrated general contracting services for conveying systems" in China which changed the situation of different value orientations in the traditional product sales model. This new model speeds up marketization of new technology & new products and has been recognized by many clients domestically and globally.