



## Hengtian Intelligent Monitoring Command Center

The Intelligent Monitoring Command Center is a powerful, energy-efficient, and easy accessible system that is built on an Advanced RISC Machine (ARM) cluster architecture. The command center supports video stream access, replication, storage, distribution, protocol conversion, recording, and a range of AI recognition and image retrieval capabilities.

### **Application scenarios:**

#### **Large-scale engineering projects**

Our intelligent monitoring command center is the perfect tool for keeping a close eye major transportation infrastructure projects. Using advanced AI recognition technology, our system is capable of identifying vehicle and traffic conditions on the bridge, as well as monitoring the safety equipment worn by maintenance personnel and detecting any obstacles or unauthorized access attempts. By providing real-time analysis of these critical factors, our command center can help to ensure that the bridge is always operating at optimal efficiency and that the safety of everyone on the bridge is maintained at all times.

#### **ESG endeavors**

Governmental and social organizations have embraced our intelligent monitoring command center to meet their ESG goals. Our technologies have improved waste sorting by assisting a nearby hospital in disposing medical waste. Local administrations can get timely and accurate data on the treatment of building trash by having drones controlled by the center monitor vehicles carrying construction waste and dregs. This will help to ensure that the waste is handled properly.