

Optical Network Video

Smart Network Management Platform

One-stop development can support for hardware and software customization services



ONV Smart Network Management Platform

With the development of the IoT, people's requirements for the network are getting higher and higher, and the intelligent and convenient operation and maintenance management platform provides strong support for the efficient operation and maintenance of the IoT system.

The ONV Smart Network Management Platform is independently developed and produced by Optical Network Video. It is compatible with front-end digital surveillance equipment as well as alarms, fire protection, access control hosts, etc. It has strong integration capabilities to directly integrate third-party security subsystems for unified management, thereby protecting the original investment. The platform can centrally manage all digital devices involved in the entire security platform, including work order systems, alarm reporting, information statistics, fault location, real-time monitoring, and network topology.

Features

- PC client, visual management**
 The entire operation and maintenance system is clear at a glance, the fault is automatically alarmed, and the system automatically pushes.
 Support online switch device to automatically generate logical topology maps, the architecture is clearly visible, and realize real visual operation and maintenance management.
- Work order system**
 GPS map location intelligent IoT boxes location
 5000+ intelligent power boxes remote management
 Real-time monitoring of the running status of the smart IoT box
- Alarm information**
 The front-end intelligent IoT box is faulty at any access point and automatically sends alarm information to the operation and maintenance platform.
 Fault location, diagnosis, remote repair
- Work order information**
 Automatically generate fault work orders (optical fiber lines, mains access, front-end equipment, etc.) according to the details of the alarm information.
 The work order is sent to the operation and maintenance personnel, and the fault information can be viewed through the mobile APP client.
- Statistics information**
 The operation and maintenance personnel repairs the faulty work order, and the operation and maintenance management platform automatically collects the fault information.
 According to the user's needs, the fault can be reported on a monthly, quarterly, and annual basis to develop an operation and maintenance plan based on the failure rate.
- System Management**
 Set operation and maintenance platform system functions.
 Operation and maintenance management platform rights management 1 access rights 2 management rights 3 second-level authorization Provides application allocation and management resource permissions to achieve resource access authority control.
- Mobile APP client, work order information.**
 Get Work Order: O&M personnel gets the latest trouble ticket.
 My work order: View fault work order information (fiber link, mains access, equipment failure, network failure), view the trouble ticket location.
 Fault repair, feedback fault reason, fault picture uploads.
 Maintenance materials application, query real-time spare parts inventory, quick replacement repair.



IoT Box

Leopard9000
PoE-IOT

PoE Intelligent Control Box

Easy to operate & maintain

- PoE intelligent fault analysis and warning tips
- One-click device inspection and event statistics
- Powerful L2+ switch data processing capability

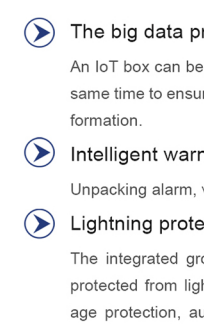


Leopard7000
SW-IOT

IoT Intelligent Control Box

Plug and play

- Flexible combination, free plug, and pull
- Powerful L2+ switch data processing capability
- Visual management



Leopard5000
AC-DC-IOT

Remote Intelligent Control Box

Feel free to combine

- Any combination, multi-scene application
- 4G wireless communication, easy to install
- Intelligent analysis, operate and maintain

Product Features

- The big data processing capability**
 An IoT box can be configured with multiple cameras to work at the same time to ensure the reliability and accuracy of each position information.
- Intelligent warning**
 Unpacking alarm, water leakage alarm, device damage alarm, etc.
- Lightning protection**
 The integrated grounding system ensures that the equipment is protected from lightning damage, leakage, overvoltage/undervoltage protection, automatic reset, and remote transmission of dry nodes;
- Power supply**
 1~3 set AC220V power output ports, 1~2 set AC24V power output ports, 5 set DC12V power output ports, port 1~4 can support PoE, 1set power supply adjustment port
- 12V power LED light** meets the unpacking work in case of insufficient light, safe and environmentally friendly
- Remote PoE management:**
 PoE on/off, power allocation, priority setting, 7*24h debugging, real-time view of port power status.
- Fully automatic function:**
 When the ambient temperature exceeds the normal operating temperature set by the software, the system can automatically start the fan cooling/heating work to ensure that the cabinet is always at the normal working temperature.
 Front-end status information display function query, voltage/current input and output, lightning protection module, switch, IP address, etc.
 Meet the equipment architecture of different networking modes, regularly monitor the voltage and current status of each circuit, and remotely turn on, turn off and restart a single power supply.

