



# Monitoring Controller VA-6603

## Rail transit vehicle monitoring and management software V7.66



### Description

The NVR monitoring controller is the control and storage device of the camera monitoring system, with built-in high-performance video codec unit and high-reliability storage unit. Provide 2 SATA hard disk positions, and can store up to 20 streams of network surveillance cameras at the same time. With 1500mAH emergency backup power supply, support hard disk, camera status display, camera stream loss alarm, etc.;

### Feature:

- \* Built-in DC110V and 50W high-performance power supply module ensures the stable operation of the controller; built-in UPS redundant power supply 2600mAH design supports power-off operation of the equipment for 5 minutes, ensuring that the abnormal power-off of the equipment will not damage the hard disk data;
- \* Support 2 USB ports, 4 RS-232 ports, 1 DVI OUT output interface, 1 RJ45 Debug port, 1 M12 network port, and 10 GPIO control ports;
- \* Integrate a 2.2-inch color LCD screen, which displays system operation information, storage information, camera information, and so on in real time; support three status indicators of operation, abnormality, and recording; provide three indicators of UPS power charging, battery power, and abnormality;
- \* Support two 3.5-inch hard drive bays with lock, support hot swap. Support inserting up to 2 industrial-grade hard drives, with a maximum capacity of 32TB;
- \* High-reliability embedded Linux system design to ensure the reliability of system without virus risk;
- \* Support standard monitoring and security ONIVF protocol, forward the camera video stream to OCC in real time, and realize the seamless connection between the vehicle video monitoring system and the ground system;
- \* Support real-time forwarding of camera video stream of STCU control screen. Realize the STCU polling display and review of the camera screen;
- \* The emergency alarm is linked with the surveillance camera, which is independently recorded;
- \* The controller power supply, UPS battery, main board and hard disk are all modular, integrated and plug-in design, which is convenient for installation and maintenance;
- \* Provide control protocol and communication protocol, support camera stream loss alarm and event alarm;
- \* Adopt industrial grade processing chip, support -20°C~70°C;

### Specification

Operating language	Chinese/English/custom language
System structure	Embedded Linux system
Recording format	Mp4
Network interface	M12, RJ45
Interface	2xUSB, 4-channel RS-232
LCD display function	System running status/hard disk information/recording status
Video interface	DVI OUT
Software upgrade	Support network upgrade/U disk upgrade
Network protocol	Support TCP, UDP, RTMP, RTSP, FTP, DHCP, HTTP protocols
Dimension	482.8*132*240.5mm
Electrical characteristics	110V 0.5A DC
Working temperature (°C)	-20°C-65°C