

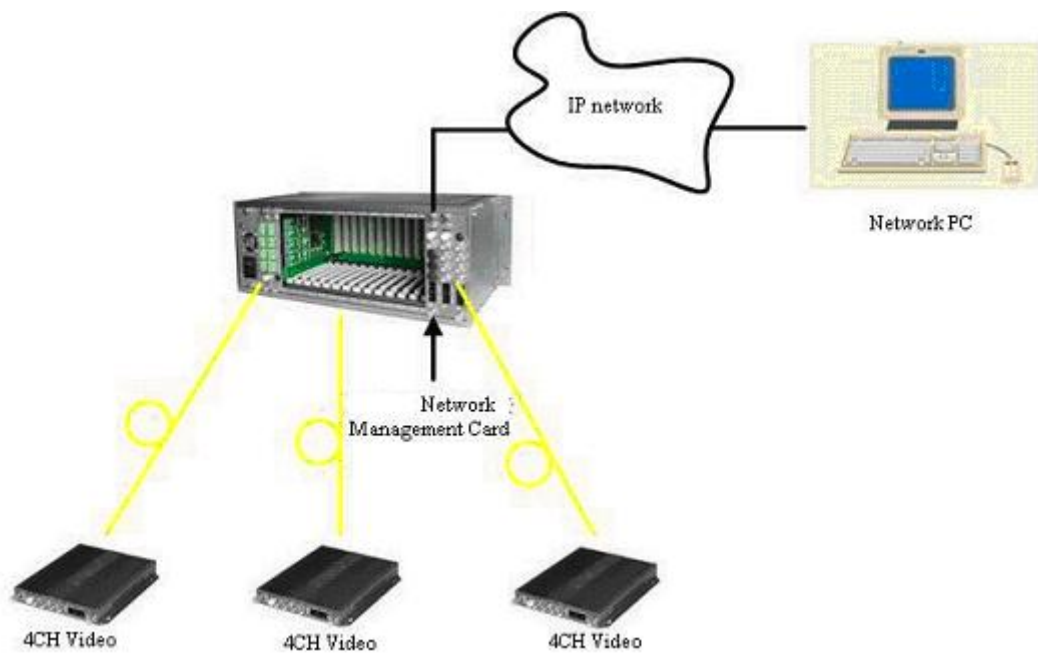
Features

- Support RS485 protocol, can directly connect to multiple FO-18 box in a sub-center
- Support ARP, TCP/IP, UDP, ICMP, IGMP, DHCP, SNMP, TELNET, FTP and HTTP protocol, can directly connect to multiple remote network management work station
- Auto discovery, can discover and identify different kinds of service cards
- Virtual network management card function, one sub-center needs only one FO41 card, other devices are managed by virtual card, largely cuts the cost of management
- Support multiple terminal function, can connect to multiple remote work station for them to obtain information
- Support multiple config mode, can be configed by network management of super terminal or HTTP
- Standard plug structure
- SMT



Applications

- TV and broadcast system
- Expressway monitoring/communication system
- City intelligent traffic monitoring/communication system
- Electric power security monitoring system
- Water conservancy security monitoring system
- Security monitoring system in large-scale enterprises
- Military communication



Specifications

Supported protocols

RS485

ARP, TCP/IP, UDP, ICMP, IGMP, DHCP, SNMP, TELNET, FTP and HTTP

Interface

RS485: RJ45

IP: RJ45

Power supply 1A 6VDC

Source backplane

Environment

Operating temperature: $-40^{\circ}\text{C} \sim 74^{\circ}\text{C}$

Storage temperature: $-55^{\circ}\text{C} \sim 85^{\circ}\text{C}$

Humidity : 0~95% non-condensing

Physical speciality

FO41

Dimension(mm): 195X129X21

Weight(Kg): 0.25

Operating state indication

LED2: query indication

LED1: config indication

POWER: power indication

ACT: active status

LINK: network connection

Network management system function

Auto discovery and identify of functional service card

Monitoring the working status of functional service cards

Monitoring the working status of remote optic transmitter

Connect to remote network management station through IP network , provide network management information

Features

TEK-NetView network management software can monitor the real time operation status of TEK digital uncompressed video optical transceiver, including the status of optical fiber link and the working status of each channel. This software has the function of configuration, performance monitoring, error alarming and logging. The software has graphic interface, thus can display the status of the service cards in the chassis.

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Software Functions

- Real Time Monitoring
Real time monitor the running status of optical transceiver: status of optical link, status of video channel;
Monitoring the working voltage and environment temperature of front end optical transmitter
- Configuration
The video and other channels can be configured, each channel is easy to be opened or closed.
- Error Alarming
Perfect error alarming function, automatically recording the alarming information and display on the graphic interface.
- Logging
Perfect recording function, can record every operation
- Graphic Interface
Perfect graphic interface, every setting and operation has corresponding graphic interface.
The graphic interface is almost the same as the device panel. The running status of device can be monitored conveniently.
- Flexibly Configured Device Type Bank
Device type can be dynamically created according to practical situation. The software can be adapted to any model of OB Telecom optical transceiver.
- Powerful Network
The system support remote management function. The software can be installed in any computer in local area network. This system support multi-terminal, users can manage the device simultaneously.
- Strong Distributed Management
The system can manage multiple sub-center device, there can be several frames in each sub-center device, and one sub-center needs only one network management card.