



Overview

VILINK ITS equipment: The VK2300 chassis provides a universal platform that facilitates and provides management functions for our fiber optic digital video/audio/data modules (ML Series), fiber optic fault tolerant self-healing data transceiver master/sub-master modules (VK230 series), 10/100 M Ethernet media converter modules (EN150 series), and T1/E1 CSD/DSU Nx64 V.35 modules (TM series).

The VK2300 chassis accommodates up to **10 hot-swappable modules** with single or redundant AC or DC power supplies. The chassis also provides a common back plane interface for these Video/Data modules, Fault Tolerant Transceiver modules or others interface modules and thereby interconnecting each module to the NMS status-monitoring interface.

The VK2305 monitor card provides two NMS ports for connecting to the NMS-PC and additionally connecting other VK2300 chassis's monitoring functions together. With the VK2305 NMS module in place, linking of multiple VK2300 NMS "**Virtual Back plane**" or chassis in one network is accomplished through the NMS protocol imbedded in the NMS module and products. This network is functionally operational "Online" anytime, and transparent to any real network data.

The VK2300 chassis provides visual LED indicators for individual module status, and chassis power supplies conditions. It also provides an audio alarm for individual optical link failure and/or system power supply failure (redundant power supply system only). An alarm push-button cut off is also provided for disabling the audio alarm.

This platform provides a fully integrated and functional system that is managed through our NMS GUI interface and NMS software package delivered with the purchase of equipment.

Features

- 13 Module Slots Chassis
- 2 Power Supply slots with AC and/or DC
- Individual module status LED indicators
- Audio Alarm with Alarm Cut-Off
- Multiple Chassis Connectivity
- Supervisory and Management with (GUI) NMS

Applications

- ITS Traffic Applications
- SCADA Networks
- Metro Networks
- Gas & Oil Fields Monitoring Applications
- Railroad Networks
- Military Applications
- Data Acquisition Applications

Ordering Information

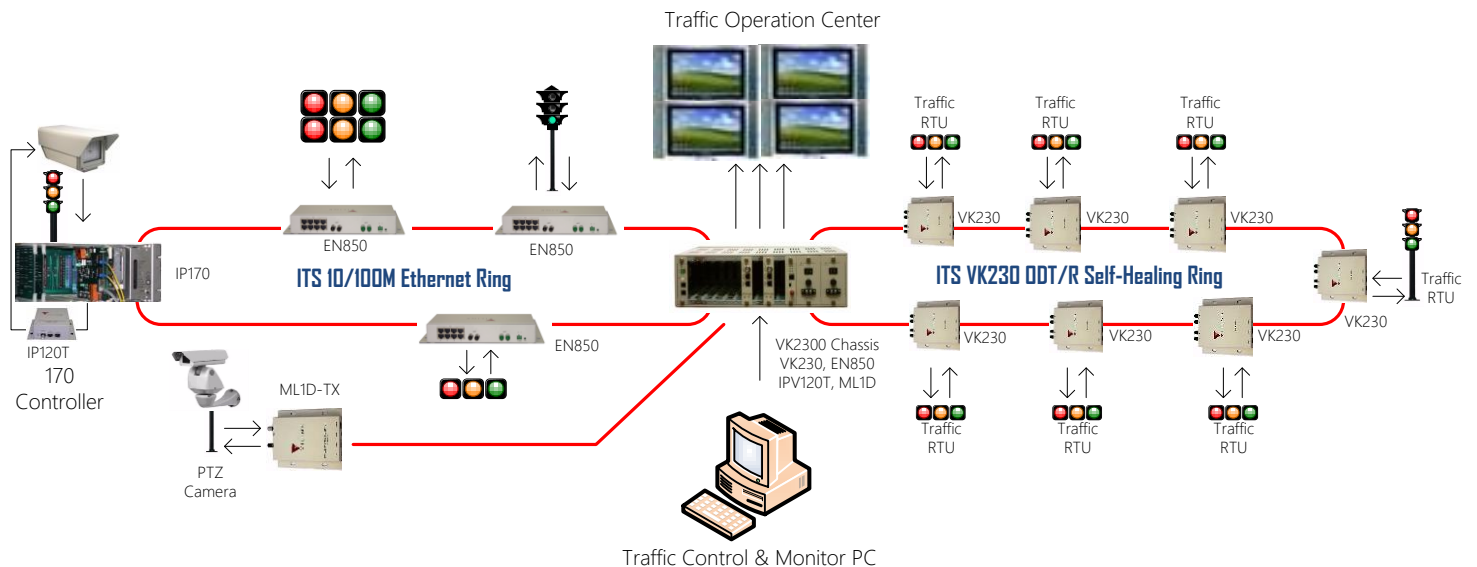
| Model | Descriptions |
|-----------|---|
| VK2300-P1 | ITS 3RUManaged Chassis, accommodate up to 10 (ODT/R) Masters, One AC Power Supply |
| VK2300-P2 | ITS 3RUManaged Chassis, accommodate up to 10 (ODT/R) Masters, Two AC Power Supply |

*** Please Consult Factory for Additional Model Numbers***

| System: | |
|---------------------------|-----------------------------|
| Node Manager | Network Monitoring System |
| Graphics User Interface | Windows-Base Panel Display |
| UART Communications | RS-232 Interfaces |
| Data Rate | Up to 19.2 Kbps |
| Connector | RJ 11 |
| Indicators | PWR, Alarm |
| Network Interface: | |
| Ports | RS-232 |
| Remote Connection | RJ45 |
| IP Address | Device ID |
| Local Connection | RJ11 |
| Data Format | RS-232 Protocol |
| Configuration | Point-to-Point or Broadcast |

| I/O Modules: | |
|------------------------------|--|
| Video | Video and Data |
| Data Transceivers | Self Healing Data |
| T1/E1 | 1-4 Channel T1/E1 |
| Ethernet | 10/100M Ethernet |
| Clock & Data Tx/Rx Converter | High Speed Clock and Data Optical Mode Converter |
| Environment: | |
| Operating | -34 ⁰ C to +74 ⁰ C |
| Storage | -40 ⁰ C to + 95 ⁰ C |
| Humidity | 98% Non-Condensing |
| Physical: | |
| Dimension | 19" x 12" x 5.25" |
| Power | 90-240 @ 0.5 Amp |

Application



Typical VK2300 Application