

IDS-1600 Intelligent Digital Switch

Features

- Audio Ports: 16 ports expandable to 32 ports
- Data Ports: Up to 16 RS232 COM ports
- Technology: Digital TDM (Time Division Multiplexed) and DSP (Digital Signal Processor), Packed switching
- Non Blocking switching platform
- Modular and Scalable system
- Radio Interface: Suitable for HF, Low Band, VHF, UHF, 800 Mhz, 900 Mhz, LMR radios and SATCOM & others
- Radio Interface Module: The radio interface module is used to interface with RF radio transceiver and other four wires audio device. It will receive audio upon carrier detect signal and sent PTT, COR, VOX
- Up to 16 Multiple Simultaneous Two-way or Conference Calls
- Multiple Group IDs encode/decode
- External DTMF control
- Telephone Interface module: Loop Start (Pots), FXS, FXO
- Console software provide system setup and control, Serial remote control
- Rugged, transportable system are available
- Hot swappable modules
- 19" rack mount 3U package

Applications

- Interoperability System
- Public Safety Communication
- Mobile First Response Unit
- Cross band, cross protocol platform communication fixed site
- Dispatch Fleet calls
- First Alert Communication



The VDV Media's IDS-1600 Intelligent Digital Switch is an advanced solution for providing the foundation to solve your communications interoperability needs. The IDS-1600 Intelligent Digital Switch can interconnect up to 16 audio ports and expand to 32 ports with FXS, FXO, and Radio Interface cards for Low Band, VHF, UHF, 800Mhz, 900Mhz and other radio bands. The system is designed with the latest packet switching, DSP, TDM digital technology and it provides non-blocking switching, VOX or COR capability. Each Radio Interface port can handle multiple radio groups to simplify system design and reduce cost. Automatic call setup and routing capability will allow easy to use and efficient communication network.



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