



TRANSIT SOLUTIONS

TSI is dedicated to providing you with the video surveillance equipment necessary for protecting your transit customers and assets.

EQUIPMENT DURABILITY

TSI's TransView equipment is designed specifically for the mobile transit environment. It offers the reliability and durability necessary for the rigors of bus and rail installations.

QUALIFIED EXPERIENCE

TSI personnel have the perfect mix of transit and engineering experience necessary to ensure the highest quality transit products and services.

CONTACT US TODAY!

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X-DMR SERIES DVR

WWW.MYTRANSITSOLUTIONS.COM

Key Product Features

- Unique Hybrid Media Failover System
- H.264 Intra based compression
- Fan-less operation
- Up to 8 video inputs
- Up to 240 total frames per second
- Integrated 3 axis accelerometer
- Hard Drives: up to 1TB



TSI's X-DMR Series of mobile digital video recorders are designed to provide high-quality, reliable video surveillance for use onboard buses or trains. The X-DMR Series of recorders utilize H.264 compression for recording and transmitting up to 8 video inputs and 2 video outputs at a total frame rate of up to 240 frames per second (fps) at D1 resolution. Additionally, the X-DMR Series recorder provides 2 audio channels, a USB port, an ethernet port and up to 8 alarm/event inputs.

The X-DMR Series recorder stores video, audio, event/alarm and metadata on an integrated removable disk drive, and supports the transmission of this data for remote monitoring over any IP-based wireless network. The X-DMR series recorder provides for easy configuration of the unit via the ethernet port, or remotely

via wireless download when the Fleet Manager wireless option is present.

The TSI X-DMR utilizes an intelligent recording concept via its unique hybrid media failover system. Using intelligent sensors, our recorder automatically switches to SD card recording in the event of a hard drive failure, including heat failures.



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Features and Capabilities	DMR 4	DMR 8
Resolution: <ul style="list-style-type: none"> • D1 (720H x 480V NTSC, 720H x 576v PAL) • CIF (352H x 240V NTSC, 352H x 288v PAL) • HD-Resolution via IP Camera 	•	•
Video Standard: CCIR/ PAL & EIA/ NTSC (Analog) IP Camera	•	•
Programmable Frame Rate (Full Motion): <ul style="list-style-type: none"> • 120fps@D1 (NTSC), 100fps@D1 (PAL) • 240fps@D1 (NTSC), 200FPS@D1 (PAL) 	•	•
Power Supply: • 11-36V DC (<10W without cameras)	•	•
Power Output: • 2 x 12VDC max. 1 amp • 4 x 12VDC max. 1 amp	•	•
Video Compression: • H.264 High Profile • H.264 Intra (optional)	•	•
Audio Inputs: 2 Channels	•	•
Interfaces: 1x IBIS, 1x USB 2.0, 1X GPS	•	•
Ethernet: 1x RJ45 10/100Mbps (on request M12)	•	•
Recording Media / Capacity: <ul style="list-style-type: none"> • 1x 2.5" SATA HDD (up to 1TB) • 1x SD/ SDHC card (up to 32 GB) 	•	•
Recording Design: Hybrid Data Management: <ul style="list-style-type: none"> • Onboard Video Storage Redundancy • Interactive Hard Disc Protection • Intelligent Recording Concept (controlled by temperature and shock) 	•	•
Video Inputs: <ul style="list-style-type: none"> • 4x BNC, 1vSS@750hm • 8x BNC, 1vSS@750hm 	•	•
Sensor: 1x 3-axis acceleration sensor, 1x Temp sensor	•	•
Operation Temperature: -13°F to +131°F/ +158°F (-25°C to +55°C/ +70°C)	•	•
Cooling: Passive	•	•
Dimension – Housing (WxHxD): 10.3x3x8.4in (26.2x7.5x2.14cm)	•	•
Weight: 2.7kg to 2.85kg incl. HDD	•	•
Operating System: Embedded Linux	•	•
Data Protection: <ul style="list-style-type: none"> • X-Encrypt data encryption • cryptographic checksum – for picture verification 	•	•
Configuration and Viewing Software: X-Media Manager	•	•
Control Center Software: X-Fleet Manager	•	•
Contact in / out <ul style="list-style-type: none"> • 4x Contact In • 4x Digital Output, 1x Relay Out • 8x Contact In • 4x Digital Output, 2x Relay Out 	•	•