



MOBILE DIGITAL VIDEO

Rugged.  
Reliable.  
Modular.

## TC-50



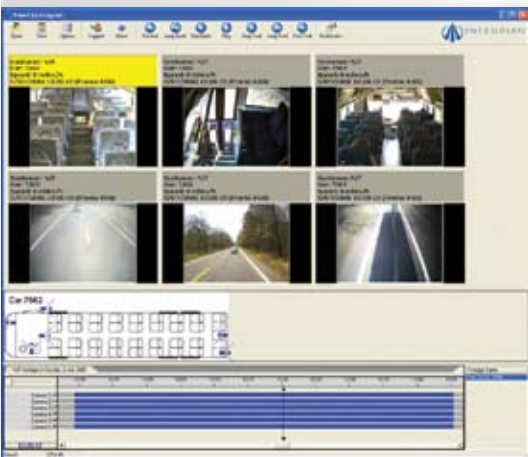
Integrian's TransitCam TC-50 is a digital video surveillance system ideally suited to bus and light rail applications. Highly configurable video management software enables transit properties to manage incidents, liability and operations together in one seamless program effectively reducing staff resources and cost.

Accessing data is simple. Users can pull comprehensive information across an entire fleet with the push of a button. And, with Integrian's Active Wireless Streaming, on-board video can be viewed by an enabled police car or other vehicle over a local area network, or by a control center via a wide area network. Implementation and upgrades to the system are input once, then automatically populate and update across the mobile fleet as vehicles move into the wireless communication area.



### TRANSITCAM TC-50 SYSTEM FEATURES

- ✓ Complete digital video management solution
- ✓ Continuous recording
- ✓ Event-based video and metadata offload
- ✓ Video and metadata offload on demand
- ✓ Optional wireless capability for offloading, live streaming and remote maintenance
- ✓ Industry standard encryption for evidence audit and anti-tamper protection
- ✓ Metadata included with video: date/time, location, speed, door status, alarm sensor, event sensor, etc.
- ✓ Supports interfacing to other on-vehicle systems such as doors, emergency intercoms, etc.
- ✓ Maintenance and status reporting of the system and cameras (blocked, vandalized or failed)
- ✓ Built-in software and hardware test diagnostics
- ✓ Remote software upgrades





**TRANSITCAM®**

# TC-50 Specifications

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## Video Resolution / Frame Rate

**NTSC** D1, 1/2D1, SIF, VGA, 1/2VGA, 1/4VGA @ 30, 15, or 7.5 fps

**PAL** 4CIF, 2CIF, CIF @ 25, 12.5, or 6.25 fps

**Video Inputs** 8 camera inputs, configurable up to 240 fps (NTSC), 200 fps (PAL)

**Audio Inputs** Up to 8, embedded in MPEG4 video stream

**Video Compression** MPEG4 hardware compression

**Video Storage** Removable hard drive, 100GB, with optional extended storage of 1 or 2 TB

**Operating System** Windows XP embedded

## GPIO

**Inputs** 4 Digital / 2 Analog.

**Outputs** 2 relay isolated outputs.

**Communication Ports** 4 USB ports (2 front, 2 rear), 3 Ethernet ports (1 front, 2 rear), 1 VGA video out, 1 RS-232, 1 RS-485 / RS-422

**Wireless Interfaces** 802.11g, external router / modem (GSM / CDMA / Mesh), GPS

**Power Supply** 12-30VDC

## Temperature Range

**Operating** - 4°F to 131°F (- 20°C to 55°C)\*

**Storage** - 40°F to 185°F (- 40°C to 85°C)

**Dimensions** 11.8" (30cm) W x 17" (43.3cm) L x 2.9" (7.3cm) H

**Power** Approx. 40 Watts

## Standards & Compliance

**EMC/EMI** EN-50121-3-2, FCC Part 15, SAE J1113, SAE J1455

**Shock, Vibration & Intrusion** EN-50155, MIL-STD-810, SAE J1455, SAE J1211, IP65

**Safety** EN-60950, CSA 60950

\*After initial warm-up

## iView Management Software

TC-50 video recordings are reviewed using iView management software, which is used to view, analyze and export video clips or snapshots. iView can detect tampering with video recordings by reference to the digital watermarking so that video can be used as forensic evidence.

iView provides easy preparation and export of video clips and snapshots in a native AVI file format. Video clips can be exported for playback on CDRW's, VCR's and hard disks. Snapshots can be exported in .bmp and .jpg formats or sent to a printer for hard copy.



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