



TRANSITCAM®

TC-50

Integrian's TransitCam TC-50 is a digital video surveillance system ideally suited to bus and light rail applications. It has been designed from the component level up to meet demanding transit and fleet standards, for exceptional product performance and long life. Open architecture allows integration to existing systems for optimal versatility.



TransitCam TC-50 Features

- MPEG4 hardware compression with hardware and software watch dogs
- 30fps NTSC/25fps PAL per port, scalable to D1/4CIF quality
- Removable high capacity disk drives for long-term recording
- 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.
- Audio channel embedded in MPEG4 video stream, with optional two-way audio
- Supports complete range of interfaces, including CDMA, GPRS, 3G, 802.11X for wireless download or back office real-time viewing
- Supports interfacing to other on-vehicle systems such as doors, emergency intercoms, etc.
- All inputs/outputs fully protected
- Maintenance and status reporting of the system and cameras (blocked, vandalized or failed)
- Built-in software and hardware test diagnostics
- Quick software upgrades or system reconfiguration via USB key
- Complies with demanding transit industry EMI, EMC, Electrical and Environmental Standards
- Provision for multiplexed analog coax outputs to displays

**Rugged.
Reliable.
Modular.**



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|---|---|
| Video Compression | MPEG4 hardware compression |
| Operating System | Windows XP embedded |
| Video Inputs | 4 and 8 camera inputs |
| Video Output | Local video output - switched to any camera |
| GPIO | |
| Inputs | 4 Digital / 2 Analog. Other options available |
| Outputs | 2 relay isolated outputs. Other options available |
| 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 |
| Video Storage | Removable hard drive, 30 GB to 120 GB, with optional external storage up to 1.2 TB |
| 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 |
| 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 |

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 videorecordings 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.