

TRANSIT AND SCHOOL BUS SAFETY AND SECURITY



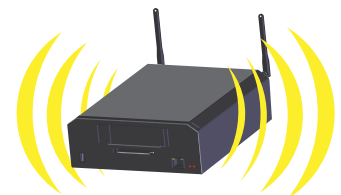
ICOP MODEL 4000™ MOBILE 4 or 8 CHANNEL DIGITAL VIDEO RECORDER

The **ICOP Model 4000** digital video recorder (mobile 4 or 8 channel DVR) combines the advantages of high resolution digital video recording with shock resistant mounts and vibration tolerance to deliver high quality video. Live stream video to provide real-time situational awareness.

The **ICOP Model 4000** digital video recorder provides up to 600 hours (720 x 480 pixel) recording and MPEG4 compression (depending on configuration settings). The ICOP Model 4000 is the best choice for school buses, commercial buses and public transit.



ICOP
MODEL 4000



ICOP
MODEL 4000 LIVE

ICOP MODEL 4000™



ICOP®
MODEL 4000



ICOP®
MODEL 4000 LIVE

FEATURES:

- Variable recording speeds up to 60 IPS per channel
- Hot Swap 2.5" SATA Hard disk drive with up to 250GB of Recording
- Real-time live display for all cameras
- 10/100 Base-T Network Interface capability
- Easy-to-use control panel with common VCR and Multiplexer functions via web-based or keyboard/monitor interface
- No tapes to manage, clean or replace
- Instant retrieval of stored video
- On-screen setup menu and system timer
- Time lapse and real time recording
- Quick search by date/time alarm events motion, and recording list
- Fast and slow playback of recorded video in various speeds
- Multi-level password protection
- Highly stable embedded non-PC based proprietary system
- Ethernet TCP/IP connectivity for remote viewing and controlling
- Built-in MPEG4 compression/decompression
- Programmed with various time-lapse speeds
- RS232 and RS485 for Remote Control
- Alarm-activated recording
- Data can be archived to either USB Drive or via Ethernet
- Audio recording capabilities
- Compatible with most major brands of multiplexers
- Power Source DC24V/DC12V
- All Channels can be viewed in 1, 4-division screen mode (showing the state of Title and REC, on respective Channels)

SPECIFICATIONS:

VIDEO FORMAT: NTSC/EIA or PAL/CCIR

VIDEO INPUT: 4 or 8 camera inputs (BNC), 1Vp-p/75ohm

VIDEO OUTPUT: 1 BNC video out (1 Vp-p/75ohm for Main Monitor)

VIDEO COMPRESSION: MPEG4/MJPEG

VIDEO RESOLUTION: 720 x 480, 720 x 240 or 360 x 240 (NTSC), 720 x 576, 720 x 288 or 360 x 288 (PAL)

VIDEO DISPLAY: Full, PIP, 4 and 2 x 2 Zoom for Live and Playback

DISPLAY RESOLUTION: 720 x 480 (NTSC) or 720 x 576 (PAL)

VIDEO PAUSE: Yes

ALARM INPUT: 8 alarm inputs

ALARM OUTPUT: 1 alarm output

HARD DISK STORAGE: One hot-swap 2.5" SATA or two 1.8" SATA drive(s)

RECORDING RATE: Up to 120/100 pictures per second for NTSC/PAL (4 ch system) or 240/200 Pictures per second (8 ch system)

RECORDING MODE: Continue, time-lapse, schedule or event recording

PLAYBACK RATE: Up to 120/100 Pictures per second for NTSC/PAL (4 ch system) or 240/200 pictures per second (8 ch system)

PLAYBACK SEARCH: By date/time or event

MOTION DETECTION: Yes, with multiple configurable detection areas 30 x 24 and 6 levels of sensitivity

VIDEO LOSS DETECTION: Yes

EVENT LOG: Yes

USER INTERFACE: User-friendly menu driven

SETUP: On screen display setup

USER INPUT DEVICE: Keyboard (optional), web interface, IRDA (optional)

DATE/TIME: Built-in real time clock and Auto Time Synchronizations with global NTP server through the Internet or GPS sync

WATCH DOG TIMER: Yes

TITLE: 12-character title for each camera

ETHERNET: RJ45 connector for network communications

ARCHIVE: USB, Ethernet, wireless (optional)

RS-232: Connector for local communications

RS-485: For keyboard connection/remote control

AUDIO: 4 or 8 mono (MIC) input, 1 mono (SPEAKER) output

POWER SOURCE: DC12~24V+/- 10%, Max. 1.5Amp. (Tolerance DC11~26V)

POWER CONSUMPTION: 60W

DIMENSION: Half size of 19" 2U

WEIGHT: 4.8kg/11.88Lbs.

OPERATING TEMPERATURE: 32° F to 104° F

ICOP®

ADVANCING SURVEILLANCE TECHNOLOGY

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