

TaxiCam® Mk IV

Technical Datasheet

The Mk IV TaxiCam has been specifically designed for taxi applications where image quality and security are vital to providing an effective deterrent.

VerifEye is the industry leader with an installed base of over 35,000 taxis in more than 70 cities in over 20 countries.

Since TaxiCam is our primary business, we understand the taxi business and the various customer/driver privacy, law enforcement and regulatory requirements better than any other provider of in-vehicle cameras.



TaxiCam installs quickly. The camera head mounts above or to the side of the rear-view mirror. The picture storage unit connects to the vehicle wiring and is concealed. A downloading cable supports connection to a laptop PC or Office PC for picture retrieval.

Key Features

IMAGE QUALITY

Judged the best in the industry by independent evaluations carried out by the City of Portland and the State of Queensland, Australia.

ROBUST

TaxiCam is 100% solid-state and is tolerant of power disturbances, voltage transients, mechanical shock and vibration, temperature extremes, moisture and dust. The secure memory module option protects the storage media from submersion in water or exposure to fire.

SECURE

Proprietary tamper-proof data access protocol and encrypted file storage format ensures chain-of-evidence integrity and eliminates public privacy concerns.

EFFICIENT

Low current draw and intelligent standby power management eliminate battery drainage issues.



REAL-LIFE SITUATION CAPTURED BY TAXICAM



Technical Specifications

CAMERAS

Imaging Technology: 1/3" CCD

Illumination: 28 LEDs at 875 nm producing 60mW/m² at 2m

Lens: 2.9 mm, 3.6 mm, or 5.5 mm (f2.0)

Connector: RJ-style with anti-tamper feature

Mounting: Three-way adjustment with locking. Self-adhesive mounting plate

TRIGGER LOGIC

Electrical: Selectable dry contact, active high, active low or active floating, programmable voltage trigger points

Typical Event Trigger Sources: vehicle door status circuit, taxi meter on/off, manual push-button, brakes

Event Response: Programmable capture sequence, fixed or variable intervals

Alarm Response: Optional pre- and post-alarm image storage with overwrite protection

STORAGE

Storage Media: CompactFlash, removable with security tool

Capacity: 256 MB to 8 GB

Recorded Information: Date/Time; Location/speed, Taxi ID, Unit ID, event flags, image data

Image Compression: Wavelet (6:1)

Storage Format: VerifEye proprietary

Image capacity: options available from 2,000 to 250,000 plus

IMAGE SECURITY & PRIVACY

Image Access: USB "HASP" key for access authorization

Transfer Protocol: VerifEye proprietary

File Storage Format: Encrypted

COMMUNICATION

Download: Proprietary USB connection

Setup: Proprietary USB

Remote Access: Connects to cellular modem for vehicle tracking and remote image transfer

SOFTWARE

VerifEye Viewer: For law enforcement agencies. Image browsing by date, time and location (with GPS connection); export to JPEG; Report generation

VerifEye Installer: For authorized TaxiCam installers. Vehicle I.D. and parameters set up

VerifEye Inspector: For Taxi regulatory agencies. Diagnostics for checking proper operation

ELECTRICAL

Input Voltage: 11 – 15 V_{DC}

Input Current: 800 mA max; 2mA standby

Isolation: 1,500 V_{RMS}

Protection: Reverse-polarity, transient, over-voltage, on all connections

DIMENSIONS

Controller: 6.4" × 4.0" × 1.4"

Optional Secure Memory Module: 7.5" × 5.4" × 2.0"

Single Camera: 2.75"(w) × 1.50"(h) × 2.40"(d)

Dual Camera: 4.50"(w) × 1.70"(h) × 3.25"(d)



USB "HASP" KEY



DUAL CAMERA



SINGLE CAMERA



EXTERNAL CAMERA

MAIN CONTROLLER UNIT



OPTIONAL SECURE MEMORY MODULE



VERIFEYE VIEWER SOFTWARE (DUAL-CAMERA)

REMOTE ACCESS OPTION

- Real-time reporting of GPS location, engine status and other vehicle parameters
 - On-demand images (30 sec. response time)



VerifEye
TECHNOLOGIES

VerifEye Technologies
70 Esna Park Drive, Unit 5
Markham, ON L3R 6E7
free 1-888-VERIFEYE
tel 905-948-0015
fax 905-948-0016

WWW.VERIFEYE.COM