

SnapShot[®] Camera - RDC-3010

IN-VEHICLE DIGITAL SECURITY SOLUTION

The Raywood SnapShot[®] camera is the in-vehicle security system of choice for the global taxi industry. This field proven solution was specifically designed for the rigorous in-vehicle environment and is installed in over 14,000 taxis worldwide.



Improve driver safety

Unfortunately driving a taxi can be a risky profession, with assault and other crimes a reasonably common experience. In order to make the drivers work environment as safe as possible, many taxi operators are now installing in-vehicle surveillance cameras.

The SnapShot camera is a proven surveillance system, whose superior image quality has supported taxi companies and drivers in court proceedings. Just like an insurance policy, the SnapShot camera works when it is needed. While it may not prevent every assault, the camera makes it simpler to identify the offender and may lead them to think twice before they act.

"I know the Raywood SnapShot saves lives. It has already led to the capture of three different suspects this year."

**Greater San Antonio Transportation
Texas, USA**



Visible deterrent

The SnapShot camera is installed above the rear view mirror, a clear deterrent for would-be attackers and petty fare-evaders. Raywood also provides clear signage on the vehicle that passengers will be photographed during the journey.

"Since the introduction of cameras there has been a 60% reduction in attacks against drivers."

Swan Taxis, Western Australia

RAYWOOD

Superior image quality

The SnapShot camera takes clear images of the interior of the vehicle in either night or day. This is due to the combination of an infrared camera with an 105° wide angle lens, special light filters, additional infrared lighting (optional) in conjunction with an auto electric shutter mechanism.

Over 1,000 images are stored in a custom designed, DSP controlled, solid-state, non-volatile memory unit, concealed in the vehicle.

Configurable activation triggers

Camera activation sequences can be tailored to suit company requirements. A typical image trigger sequence is:

- ▶ Door opens – 10 images taken at 1 second intervals
- ▶ Door closes – 10 images taken at 1 second intervals
- ▶ Meter turned on – 1 image taken per minute
- ▶ Alarm activation takes 1 image per second until the memory unit is full.

The driver has the ability to take additional images as required, or to activate an alarm triggering the camera to take a sequence of images. These images are then locked from being over-written and can only be unlocked at the download facility.

In normal circumstances the driver doesn't have to do anything. The SnapShot camera automatically takes images and the storage unit simply records over the oldest images once it has reached its capacity.



Advanced image integrity

Each image is stamped with the date, time, vehicle's registration or fleet number, the trigger type and even the GPS co-ordinates of the vehicle (optional). This data is then encrypted to avoid tampering and to protect passengers' privacy. Images are stored securely and can only be retrieved using a proprietary Windows® based software package. This software ensures images are only accessible by authorized personnel to protect passengers' privacy and minimize the possibility for image tampering.

High availability, low maintenance solution

Raywood leverages the latest in digital camera technology to deliver an "always-on" and low upkeep solution.

- ▶ Non-volatile Flash memory ensures that images are stored indefinitely, even if the power connection to the vehicle's battery is lost.
- ▶ Solid state construction means that there are no moving parts to maintain.
- ▶ Digital Signal Processor (DSP) based
- ▶ Digital compression and encryption ensures the maximum number of high quality, secure images are captured. The SnapShot RDC 3010 captures 1000 images as standard and can be expanded to capture 4000 images.
- ▶ Separate concealed recorder to securely store images.
- ▶ Industry standard USB connection from the image recorder to a standard PC, ensuring fast, error free image downloads.

TECHNICAL SPECIFICATIONS

Camera

- ▶ Monochrome 1/3" interline transfer CCD
- ▶ Wide angle lens (105°)
- ▶ Integrated infrared lighting
- ▶ Additional infrared lights (optional)
- ▶ Operates in low-light - down to 0.2 Lux
- ▶ Purpose built for vehicle applications
- ▶ Dimensions: 5.9" (W) x 2" (H) x 1.6" (D)
(not including mounting bracket)

Recorder

- ▶ Non-volatile flash memory
- ▶ Stores 1000 images (standard)
- ▶ Can be expanded to store 4000 images (optional)
- ▶ DSP controlled
- ▶ Real Time Clock
- ▶ Internal GPS (optional)
- ▶ Supports up to four cameras
- ▶ USB port
- ▶ Provision for connecting additional infrared lights
- ▶ Dimensions: 4.5" (W) x 1" (H) x 7.5" (L)

For more information contact:
sales@raywoodcommunications.com
+1 206 937 2164

www.raywoodcommunications.com
Seattle ° London ° Sydney ° Melbourne ° Dubai

All brand names and trademarks used are registered trademarks of their respective owners.
Raywood maintains a policy of continuous improvement and reserves the right to change specifications without prior notice.

RAYWOOD