

Silver 150T - Tamper Proof Witness Camera

Fully integrates with Tracking & Telematics Systems



Suitable for any vehicle the Silver 150T Tamper Proof single lens witness cameras are discreetly installed on the windscreen just behind the rear view mirror and will record the driver's view of the road ahead.

The main benefit of purchasing a digital dash camera is that you gain reassurance in the unfortunate case of an accident that you will be able to provide undisputed evidence that the accident was not your fault.

Insurance approved Tamper proof forward facing road witness camera with a fixed power supply. Key only access to the lockable SD card means you can control who has access to the data on the 4GB SD card provided at all times making it perfect for fleet owners who don't want their drivers to have access to the data collected.

Comes with built-in GPS, 3 Axis G-Sensors, microphone, monitor input and an emergency button which when pressed will log an event. The Silver 150T also has a secondary camera input enabling the Novus Secondary Internal Camera to be installed for recording either the cabin of a vehicle or the rear road view. This dash camera can be easily removed at night or transferred to another vehicle making The Silver 150T an ideal car camera solution for the average road user.

Key Features for Transport/Fleet Managers

TAMPER PROOF - This camera is tamper proof as it is hard wired into the vehicle and cannot be removed. All functionality has been removed from this model with the exception of the emergency button, enabling the driver to still log incidents. The camera functionality is controlled through the software provided.

SECONDARY CAMERA INPUT - This allows you to connect the Novus secondary internal camera to your device. The secondary camera can be installed so that it either records the cabin of a vehicle or the rear road view. The footage for the rear camera is stored on the same SD Card within the main unit.

AUTOMATIC PARKING - mode detects motion and vibration while your vehicle is parked up day or night and not in use. Protecting your vehicle while you sleep.

NORMAL RECORDING - The camera will start recording from the moment the engine starts. The camera has been designed to continuously record as long as it receives power. When the SD cards get full then the camera will automatically override an old recording and replace it with a new record.

EVENT RECORDING - When a sudden impact occurs the camera records 10 seconds before and 20 seconds after

the event. Event recordings will not be overwritten unlike Normal recordings and will be automatically saved in a separate folder. This speeds up finding specific events.

EMERGENCY RECORDING - The Emergency recording button can be used manually to create an Event recording. Ideal if you have witnessed an accident in front of your vehicle but your vehicle wasn't involved or the G-sensor hasn't been triggered. Emergency recordings will not be overwritten and saved in a separate folder.

AUDIO RECORDING - Audio recording is supported simultaneously with video recording. This does not allow you to switch off audio without the the software.

GPS - The date, time, vehicle speed and vehicle route information is recorded through the internal GPS. When you replay back the recordings through the free dedicated software the GPS data will automatically show on the software.

G-SENSOR - The internal G-sensor records harsh acceleration, braking and quick turns, helping to establish driving habits and behaviour. It can also be used to help determine whiplash injury.

TV-OUT - The cameras have an

output to allow a monitor to be installed. This will allow live view from the camera. Ideal for the dual cameras as this will give a live view the rear of the vehicle.

NOVUS PC PLAYER - Your camera comes with free dedicated software to replay back your recordings. The software will provide information such as GPS and G-sensor data for each recording. The software is Windows Vista, Windows XP, and Windows 7&8 compatible.

GOOGLE MAP - The free software will show you the vehicle location via the Google map. It will show you the vehicle tracking information such as the route the driver took and at what time. You can change the Google map view from Google map, satellite map and street view.

ECO DRIVE REPORT - Together the GPS and G sensor data can be used to analyse bad driving habits, harsh acceleration, brakes and quick turns. Our unique software can generate reports of the drivers overall driving skills and bad habits and provide an overall score of how good or bad the driver is. Ideal for fleet managers.

PROFESSIONAL INSTALLATION - This product requires professional installation by an approved Novus Engineer. Find out more about our installation service.

Silver 150T Tamper Proof Witness Camera



**Product Code:
NOV-SILVER150T**

Secondary Camera

The Novus secondary camera can connect with the Novus Silver 100T and the Silver 150T dashboard cameras. This secondary camera can be mounted to the rear interior windscreen of your vehicle to record the rear view of the road or it can be mounted within the cabin of your vehicle to record either the driver or passengers of the vehicle.

The recordings from the secondary camera are stored on the SD Card located within the Novus Silver 100T or 150T cameras.

Please note that this camera requires you to purchase or have already have purchased either the Silver 100T or the Silver 150T camera. The secondary camera will not work and record as a stand alone unit because it has no storage capacity on board. Package content - 3.5mm Jack to 2.5mm Jack cable, interior camera, adhesive pad.

Dimensions	<ul style="list-style-type: none"> Width 52mm Height 94mm Thickness 18mm Weight 76 grams
Camera	<ul style="list-style-type: none"> HD forward facing & driver/passenger facing camera (windscreen mount) 2 Mega Pixel CMOS Image Sensor Front View Angle - 120° Internal View Angle - 140° Less than 1 Lux Certification - KCC/FCC/CE/RoHS/TFL Approved.
Memory	<ul style="list-style-type: none"> 4GB Card (SDHC) included (Class 10) - Max 64GB capable (Class 10)
Video Out	<ul style="list-style-type: none"> 3.5mm AV Jack on body NTSC/PAL Auto switching
Power Supply	<ul style="list-style-type: none"> 12/24v dual compatibility - Consumption = 230mA @12v (active) Input fuse - 23/0v, 3Amp - Power core - Super Cap
Op Temp	<ul style="list-style-type: none"> -20°C ~ 70°C
Recording	<ul style="list-style-type: none"> Resolution – 1280 x 720 Continuous, Auto Event & Manual Event recording Continuous recording of 1 minute per segment logged Event recording logs 10 secs before & 20 secs after the Event Compression format - MPEG4 Normal
Sensors	<ul style="list-style-type: none"> G Sensors - 3D (X, Y, Z Axis) Sensitivity - 0.5 G on all Axis Adjustable in Software settings
Software	<ul style="list-style-type: none"> Novus PC Player Compatible with Windows XP, Windows Vista, Windows 7 & 8

MODEL	SELECT VIDEO QUALITY				BEST QUALITY		HIGH QUALITY		NORMAL QUALITY		COMPACT QUALITY	
Ruby	Resolution				HD		HD		HD		HD	
					1280 x 720		1280 x 720		1280 x 720		1280 x 720	
	Bit Rate				6.0 Mbps		5.0 Mbps		4.0 Mbps		2.5 Mbps	
	Frame Rate				30.0 fps		25.0 fps		15.0 fps		7.0 fps	
	1 files size/min (average)				46.0MB		40.0MB		31.0MB		11.5MB	
SD Card Size	Effective	Event 20%	Normal 80%	Event 20%	Normal 80%	Event 20%	Normal 80%	Event 20%	Normal 80%	Event 20%	Normal 80%	
	8GB	7.45GB	1.49GB	5.96GB	0H 32M	2H 09M	0h 37m	2H 29M	0H 48M	3H 12M	2H 09M	8H 38M
	16GB	14.9GB	2.98GB	11.92GB	1H 04M	4H 19M	1H 14M	4H 58M	1H 36M	6H 24M	4H 19M	17H 16M
	32GB	29.8GB	5.96GB	23.84GB	2H 09M	8H 38M	2H 29M	9H 56M	3H 12M	12H 49M	8H 38M	34H 33M
	64GB	59.6GB	11.92GB	47.68GB	4H 19M	17H 16M	4H 58M	19H 52M	6H 24M	25H 38M	17H 16M	69H 06M

Software

Our easy-to-use software enables the user to analyse a drivers behaviour as well as any logged events during a recorded incident. The “Three-Axis Accelerometers” allow you to see when harsh braking or acceleration has occurred as well as the direction of an impact and even the severity of the accident.

Novus cameras are GPS enabled and our software uses Google Maps to show you the position of the vehicle and its speed at the time of the incident. Google maps can also show you the physical location of the vehicle to other roads, junctions or landmarks. Our software shows the exact time, date, longitude, latitude and g-force in three planes and speed at any given moment and enables you to generate driver reports and export the data to a CSV file.

