



Introducing

# PW6-HD IN-CAR VIDEO SYSTEM

*PW6-HD delivers **safe, flexible, and dependable HD evidence** while offering the industry's **longest warranty** at a **budget-friendly price**.*

## OVERVIEW

The PW6-HD with Dual HD Camera provides the safest way to operate an In-Car Video System with no officer intervention required to get the most complete picture, every time.

PatrolWitness™ advanced mobile digital video solutions change the way video enhances officer performance in the field. Our combination of the new PW6-HD DVR with Dual HD Camera provides the evidence package the industry has been waiting for with officer safety and efficiency in mind.

PW6-HD complies with Federal Rules of Evidence including: Chain-of-Custody of Evidence as well as the IACP in-car video system guidelines.



## FEATURES

- **Dual HD camera** (Two HD 1280x720 Cameras), simultaneously captures wide angle view and zoom view to record the entire event and to capture the license plates of the subject vehicles involved. PW6-HD with Dual HD Camera is the breakthrough Law Enforcement has been waiting for.
- **JUST IN CASE Recording**, allows officer to retrieve past untriggered / unmarked video events from the last 5 shifts (over 40 hours), a technology we developed in 2006.
- **Reliable**, No moving parts, **100% Solid State**.
- **Vehicle Battery Friendly**, internal timer to disconnect system from Vehicle Battery up to 6 hours after ignition off.
- **Redundant (Backup) Event Video Recording**, system can be configured to record all triggered events on two separate storage devices.
- **Power LOSS Recording**, continue recording even in the event of power interruption.
- **FAIL SAFE STORAGE** to ensure **ZERO-DOWN TIME, ZERO LOST EVIDENCE** with dual secure high capacity solid state drives.
- **In-Vehicle Event Tagging**, tag the current or previously recorded video event with incident classification (DUI, Reckless, Domestic, etc...), case/ticket #, notes, video event priority. Event tagging can be used in the back office software for searching, categorizing and retention policies.
- **Rugged Display Controller** with touch screen technology and configurable display and functionality, adaptable to your current and future requirements.
- **MDT Friendly**, MDT (In-Car Computer) can control the entire PW6-HD In-Car Video System with our easy-to-use PatrolWitness™ PWViewer software.
- **Pre/Post Event Recording**, configurable by the agency.



[www.patrolwitness.com](http://www.patrolwitness.com) | 1-866-693-7492

Patrol Witness™ is 247Security's dedicated line-up of Digital Video Solutions for Law Enforcement and public safety services. For more info: Please contact us, Toll-Free: 1-866-693-7492 | [www.patrolwitness.com](http://www.patrolwitness.com) | 4400 North Point Pkwy, Suite #158, Alpharetta, GA 30022 USA

# PW6-HD IN-CAR VIDEO SYSTEM

## SPECIFICATIONS

### RECORDER

- 5 video channels
- SD cameras up to 30fps @ 720x480 (D1) resolution per channel
- HD cameras up to 30fps @ 1280x720 (720p) resolution per channel
- 16:9 aspect ratio
- H.264 High Profile Video Compression
- 3 Network Ports
  - 1)Rear 10/100Base-T, built-in POE for external Wi-Fi Adapter
  - 2)Rear 10/100Base-T, built-in POE for MDT (laptop, tablet)
  - 3)Front 10/100Base-T, built-in POE for servicing
- 3 USB ports:
  - 1)USB on front panel for firmware updates/servicing
  - 2)USB on Rear panel (optional waterproof fireproof video storage, external flash video storage)
  - 3)USB on Rear panel (optional 3G/4G/LTE modem)
- 8 Digital input sensors for lights, siren, brakes, doors, gun rack, etc.
- 2 Alarm outputs
- GPS
- 2 wireless microphone ports
- Optional Radar Interface using OSD video input
- Operating temperature: -30°C to +60°C
- Dimensions: 5"(w) x 5.5"(d) x 1.5"(h)
- Dual flash card slots (32GB/64GB/128GB each slot) up to 256GB total storage
- Optional M.2 SSD Solid State Storage up to 500GB (Just-In-Case Extended Recording)
- Optional external fireproof waterproof 64 to 512GB solid state storage
- Optional HDD backup storage up to 1 TB
- Built-in Uninterruptible Power Supply (UPS) (up to 2min continuous recording after power interruption)
- Power consumption during operation, 470 mA @ 12V (excluding peripherals such as cameras, wireless microphones, GPS, etc.)
- Power isolation after 6 hours when ignition off, 1mA (time delay set by manufacturer)



### REAR-SEAT IR CAMERA(ShieldCAM)

- 720p HD (1280x720) camera, 77°HFOV wide angle lens to capture entire rear seat
- Full color high definition image during day time
- Black and white (infrared) image during night time or complete darkness, 0lux
- High Definition microphone with video noise reduction circuitry and noise-gate filter
- WDR (Wide Dynamic Range)
- Scratch-resistant, anti-glare lens



### WIRELESS MICROPHONE

- Automatic Activation, automatically starts transmission of audio when video recording is initiated and stops transmission when recording is stopped
- Manually trigger recording from outside of the vehicle
- LED indications for battery status; in range/out of range and mute status
- Battery life, 15 hours of continuous audio transmission
- 1000 feet line of sight operational range
- Vibration or audible alerts



### DISPLAY CONTROLLER

- 6" Touch Screen Display Controller, enables full control of in-car video system
- Rugged case w/ integrated RAM ball mount for universal installations
- Mounting options, overhead between visors using visor bracket, dash or console
- Easily search and playback recorded events
- Tag video events with Incident Classification (Traffic stop, DUI, Arrest, etc.), Case #, Notes and Video Priority
- Trace Mark, bookmark events for quick search and review
- Covert, enables covert mode which turns screen off as well as all visible LEDs
- LP (license plate) capture for extreme conditions
- Full playback controls, play, pause, rewind, rewind/skip 20 seconds, increase/decrease playback speed, advance frame by frame
- Officer ID selection



### FORWARD-FACING CAMERA (PW Dual HD Cam)

*The new Dual HD Camera eliminates the need for any manual adjustments freeing the officer to focus on his main duties while driving. The camera is mounted on the windshield behind the mirror to increase officer's visibility and safety, this camera is a dual camera head (2 cameras within one enclosure)*

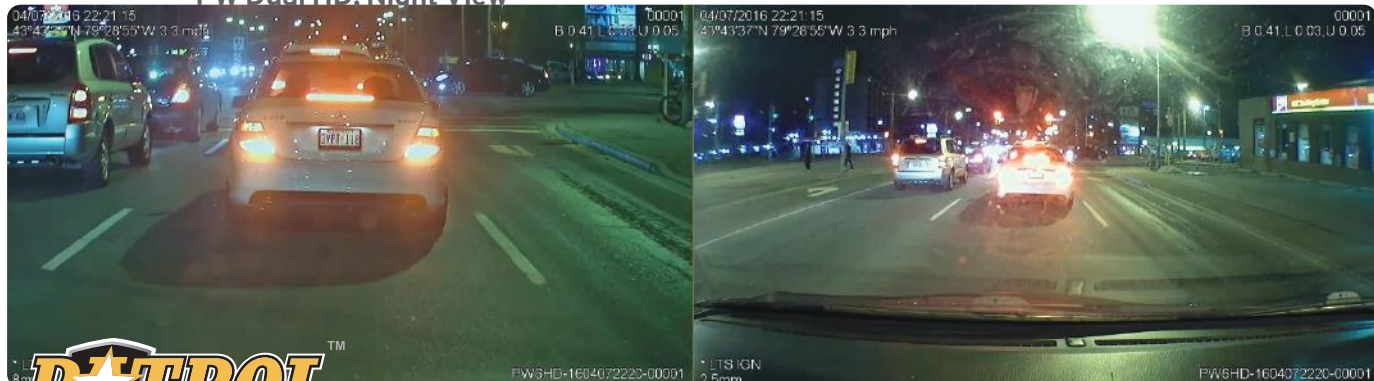


- 720p HD (1280x720) camera, zoom lens to capture license plates and activity around the subject vehicles
- 720p HD (1280x720) camera, wide-angle lens to capture pillar to pillar view out of the car to record the complete story
- Built-in G-Force Sensor
- License plate capture in different environments (can capture license plate in dark with headlights on/off, tail lights brake lights on/off without user intervention)
- WDR (Wide Dynamic Range)
- Ultra low light vision, 0.0001lux
- Forward and rear facing LED indicators for power, video and audio recording status
- Hands free operation
- Behind mirror mounting for zero obstruction to visibility
- Reliable, no moving parts
- Cost effective, third of an HD zoom camera
- Dimensions: 3.25" x 1" x 1.5"

### Touchscreen Controls

TAG	Tag the video with an event classification (DUI, Traffic Stop, Arrest, etc.), case #, notes and priority which can later be searched for in the back office software.	SEARCH	Search for video, available video is highlighted & displayed by date
OFFICER	An Officer ID can be entered or selected which will appear on the screen and embedded in the video meta data, the Officer ID can later be searched for in the back office software.	REVERSE	Reduce playback speed
FRONT	Start / Stop recording of Forward Facing Camera(s)	REWIND	Rewind backward 20 seconds
BACK	Start / Stop recording of Rear Seat Camera	PLAY / PAUSE	Play / Pause playback
TM	Trace Mark, while recording will mark the video event, if not recording, will create a video clip using set pre and post recording times for later searching capability during playback	FAST FORWARD	Fast forward 20 seconds
COVERT	COVERT, turns off screen for covert purposes, system continues to operate normally	SPEED UP	Increase playback speed
ABC123 LP	Automatic zoom in and out to capture an event or license plate.	NEXT FRAME	Advance one single frame forward, while in Pause mode
DAY HOUR 15MIN	To change timeframe view of timeline bar: Tap timeline bar to toggle display from full day view, 1 hr. view, or 15 min. view	AUDIO	Audio/Volume controls

### PW Dual HD, Night View



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