

PS881 8CH 1080N/720P/D1 TVI/AHD Hybrid Car DVR



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Specifications:

- 8 channels 1080N/720P/D1 AHD/TVI/CVBS Hybrid H.264 image processing engine
- Automatically detect AHD or TVI or CVBS protocol, no need to setup.
- Real Time 30/25 fps Video recording, play back and live view
- Gapless recording between files
- Camera signal detection and warning when no signal
- Environment sound recording and playback
- SD/SDHC/SDXC memory card with capacity up to 256GB
- Built-in 3-axis G-sensor
- GPS receiver interface
- Record G-sensor and GPS signals with video/audio data
- Extended recording (30 seconds, 3mins, 1 hour, 2 hours) after switching off car power
- Provide power for cameras
- Reverse/Left/Right turn signal detection and switching display accordingly
- Support USB disk as the storage media, no disk space limit.
- SATA interface available.
- Dual SD card slots, auto switch to 2nd SD card if main SD card damaged.
- Split windows to show 8/4/2 channels simultaneously or single channel display
- CVBS output (HDMI / VGA optional)
- IR Remote control
- Build in Chinese/English menu, other languages can be customized.
- Touch screen interface (please contact ProSense for detail)
- Build in 3G/4G module. (optional)
- Firmware upgrade by SD card
- Designed and manufactured in Taiwan
- Record Capacity:
 - 8CH 1080N
 - 8CH 720P/D1
 - 6CH 1080Px2 + 720P/D1 x 4
 - 4CH 1080P

(1080N denotes half 1080P resolution, i.e., 960x1080)

Model		PS881
Systems	OS.	Embedded Linux 3.10
	Start up time	< 20 seconds (from power on to recording)
	Language	English/simplified Chinese/traditional Chinese (other languages can be customized.)
	Storage	2 SD cards (up to 256GB) or USB HDD (or SATA HDD can be customized.)
	Voltage input	Input: 9 ~ 30V DC
	Voltage output	Output: 12V/4A
	Power Consumption	6W @ 12V (not including cameras)
	Operating temperature	-10 to 70°C
Video	Video input	TVI / AHD / CVBS hybrid Maximum 8 x 1080N/720P camera inputs
	Video output	1 CVBS 1Vpp 75Ω (VGA / HDMI optional)
	Preview	1 / 2 / 4 / 8 multi mode images
	Recording resolution	Depend on Video input
	Recording	Auto start to record after power on.
	Video compression	H.264 (High profile)
Audio	Audio Input	1 mono
	Audio compression	ADPCM (4-bit, 16kHz)
I/O	USB	Supports USB 2.0 for USB Disk recording
	SATA	1 (optional)
	Trigger in	5
	Trigger out	1 (TTL positive)
Alarm	Buzzer	Video input signal loss or bad storage.
Sensor	G Sensor	3-axes accelerometer
Chassis	Dimensions	136 x 154 x 37 mm

	Weight	550 g
	Material	metal
Others	Backup Power	Super Capacitors for power loss emergency shutdown.
	Power on LOGO	Can be customized
	LED	Red LED for system status
	Clock	Internal, time sync from GPS (if is available)
	GPS	Support GPS/GLONASS external module (9600 bps)
	GPS Stamp	Yes if GPS is available
	Time Stamp	Yes
	Other fixed strings	Can be customized
	File Format	AVI for each channel
	Record Periods	5 minutes / file
	Playback speed	Forward / Rewind 1 – 8x
	Power Off Delay	0 seconds, 30 seconds, 3 minutes, 1 hour, 2 hours
	Trigger Display	Trigger to display channel can be set by user.
	File Protect	Can be set by G-sensor event or by trigger input event.
	Operation	By IR remote controller. Key tone is available.
	User Interface	Clear and intuitive operation for in-car environment.
	SD backup	Normally start recording by 1 st SD card. Auto switching to 2 nd SD card while 1 st SD card is corrupted or is not found.
FW update	By SD card	
Design & Manufacture	All made in Taiwan	