

CAM 1800 SERIES
MOBILE VIDEO SURVEILLANCE

CAMETRON
PUBLIC BUS INTELLIGENT
DISPATCHING TERMINAL



FEATURES

- 4Ch / 8Ch 1080P/720P/960H NVR/AHD real-time video recording, 4/8 channel audio synchronous recording.
- 2.5 inch HDD,max 2TB storage,SD card & HDD dual storage.
- H.264 video format,linux system, dual stream.
- Support remote download and playback function according to the file or accurate to seconds,saving much time and data.
- Cametron correction encrypted file management system, no video loss and record data 2s before sudden power off.
- Support pre-alarm record, motion detection and alarm linkage
- 1pc VGA output, maximum support 1080P.
- Support 2pcs 3G/4G wireless modules,WIFI or WIFI hotspot,GPS/ Glonass,G-sensor optional .
- RS-232 x 2, RS485 x 2, USB2.0 port x 1,CANBUS 2.0B x 2,
- 1 Ch12V output control
- Support extendable devices like LED screen, ID reader(support data of swiping card breakpoint resuming), bus station reporter, people counting camera etc.
- Automobile black box function, can record speed, GPS position, acceleration of gravity, brake,back the car, swerve,alarm etc.
- DC8-36V wide range voltage supply, industrial standard , embedded design, military level cushion technique.

SPECIFICATIONS

TITLE	PARAMETER	DESCRIPTION	
Name	Product Name	CAM - 1820	CAM - 1836
System	Operation system	LINUX Embedded, LINUX	
	Operation interface	Graphical menu interface (OSD Menu)	
	Interface language	Chinese/English/Portuguese/Russian/French/Turkish	
	File system	TES Error correction encrypted file management system	
Video	Video input	4CH 1080P/720P IPC HD input	8CH 1080P/720P IPC HD input
		4CH 720P AHD HD input	8CH 720P AHD HD input
		4CH 960H/D1 analog input	8CH 960H/D1 analog input
	VGA output	1CH,Support 1920*1080 , 1280*720 , 1024*768 resolution	
	CVBS output	1CH aviation connector output PAL/NTSC, 1.0Vp-p, 75Ω , CVBS	
	Video display	1/4	1/4/8
	Video standard	PAL : 25FPS, NTSC : 30FPS	
Audio	System resources	PAL : 100fps , NTSC : 120fps	PAL : 200fps , NTSC : 240fps
	Audio input	CH input , 600ΩCH input , 600Ω	
	Audio output	1CH aviation connector turns to CVBS output , 600Ω , 1.0-2.2V	
	Record format	Synchronized Video & Audio recording	
Digital processing and storage	Audio compression	G711A	
	Image resolution	4*1080P (1920*1080)	8*1080P (1920*1080)
		4*720P (1280*720)	8*720P (1280*720)
		4*960H (960*576)	8*960H (960*576)
	Image quality	1-8 levels adjustable (1 is the best)	
	Video bit-rate	192Kbps-2048Kbps (Each channel)	
	Video storage	85M-900MByte/hour	
	Playback resolution	1or 4*1080P/720P/960H	1or 8*1080P/720P/960H
	Audio bit-rate	4KByte/s (Each channel)	
	Hard disk storage	2.5 inch SATA hard disk x1 ,max 2TB	
Alarm	Alarm input	8 channels (activated by high voltage)	
	Alarm output	2 channels(Dry contact output)	
	Motion detection	High/middle/low sensitivity adjustable	
USB	HOST port	In the front panel used for files backup and firmware upgrading	
LAN	wire access	Optional,extend 1 RJ45 port	
	Wifi wireless access	Optional,built-in wifi module(IEEE802.11N/G/B)	
	3G/4G	Support Dual SIM card,can built-in FDD-LTE/TD-LTE/WCDMA/CDMA2000 modules	
GPS	GPS	Optional,built-in GPS/ Glonass module	
Extension interface	RS232 port	Extendable,RS232 interface X2	
	RS485 port	Extendable,RS485 interface X2	
	Intercom	Extendable	
	G-Sensor	Built-in G-Sensor module	
	CANBUS	Optional,can built-in 2×CANBUS	
Other	Power supply and consumption	DC8-36V 5% ≤12W	
	Operating temperature /humidity	-20~-85°C / ≤80%	
	Dimensions	245 (L) *190 (W) *71 (H) mm	
	N.W	2.8KG (not including hard disk /set)	3.0KG (not including hard disk /set)
	G.W	3.0KG (not including hard disk /set)	3.2KG (not including hard disk /set)

OPTIONAL ACCESSORIES/ FUNCTIONS

- +A : GPS/GIONASS
- +B : 3G/4G
- +E : Rj45
- +F : SD card slot
- +W : Wifi
- +K : Canbus
- +J : Fireproof box
- +L : Wifi hotspot

