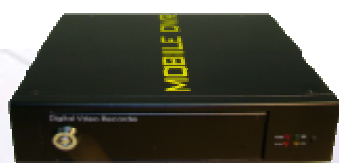


CQ-4001 High Quality Mobile Car DVR



CQ-4001 Mobile DVR based H.264 Codec Compression Algorithm. It gives you best Video Quality and longer recording time than other solutions. It designed for heavy duty Commercial Users for Buses, Trucks, Taxis, Utility Vehicles and Etc.

No more worry about Impacts or vibrations from Vehicles environment because CQ-4001A use CF-Card Storage(CQ-4001H use 2.5" HDD). Also, it made hard protection unstable power supply from outside. CQ-4001 provide easy and simple user interface but full functions support from special Viewer software for PC.

CQ-4001 has many options to fit users request. It can be applied to anywhere related Mobile specialist.

CQ-4001A / CQ-4001H			Specifications	
Video	Input	Channel	4ch (Customized connection)	
		Signal Selection	Auto Detection(NTSC/ PAL)	
		Input Type	Composite (Customized Connector)	
		Signal Format	NTSC/ PAL	
		Video Loss Check	Support	
	Output	Display output	Rear : TV-OUT (Stereo Jack Connector), Front : TV-out & 12V DC Power out (Wafer Connector)	
		Output Type	Composite 1.0Vp-p, 75Ω	
		Signal Format	NTSC/ PAL	
Audio	Input	Channel	4ch (Customized Connector)	
		Codec	ADPCM	
	Output (Mono)		1ch (Stereo Jack Connector)	
Alarm	Sensor Input		Up to 4ch (Terminal)	
	Alarm Output		1 ch(NC/NO)	
Live			NTSC	PAL
	Frame Rate		120fps(30fps/ch)	100fps(25fps/ch)
	Channel Disable		Support	
	Video Loss Detection		Support	
	Screen Split		1, 4	
	Rear View Auto Popup		Depend on SW (Optional)*	
Recording	Compression		H.264	
	Source File Format		Own file format / AVI file format*	
	Resolution & Speed Code Mode		NTSC	PAL
		360x240/ 352x288	Max 120fps(30fps/ch)	100fps(25fps/ch)
		720x240/ 720x288	Max 120fps(30fps/ch)	100fps(25fps/ch)
		720x480/ 720x576	Max 60fps(15fps/ch)	50fps(12 fps/ch)
	Adjust Frame Rate per channel		Support	
	Frame Rate Concentration		Event Driven*	
	Average Data Size	360x240/ 352x288	4K byte / pic (High Quality)	
		720x240/ 720x288	5K byte / pic (High Quality)	
		720x480/ 720x576	6K byte / pic (High Quality)	
	Image Quality Level	VBR	3 Levels, 5 Levels*	
		CBR	3 Levels*, 5 Levels*	
	Recording Mode		Continuous / Motion, Sensor or both	
	Motion Detection Sensitivity		Support	
	Pre Recording by Alarm		1~30 sec*	
	Post Recording by Alarm		2~300sec*	
	CF Full Warning (Overwrite)		Beep & OSD Indication Alert*	
	daylight saving time		Support	
Storage	External CF Memory Card / Movable HDD	Interface Type	CF Memory Card / SSD Card* type / 2.5" HDD movable rack type	
		Capacity of 1 CF	Over 2 Giga Byte	
Search & Playback	Playback (Viewer S/W)	Control	one step Forward/ Reverse, Play, Fast Forward/ Reverse	
		Speed	x2, 4, 8	
		Realtime Playback	Support	
	Search Mode		Time & Date, Event	
Network**	Max Accessible Clients**		3**	
	Network Type**		Wireless ethernet**	
	Network Interface**		802.11 B/G/N**, RJ45**	
User I/F	Video Stream with OSG		Own viewer S/W	
Additional Function	Multi-Language*		Support (Viewer S/W Only)*	
	GPS*		1 Serial port for External GPS optional device requirement*	
	G-Sensor*		Movement caught	
	External IR Receiver for Remote Controller		1 Port optional cable requirement	
System	Control & Debugging		RS232 / Media	
	Operation System		Embedded Linux (Ver. 2.6.xx)	
	Dimension (WxHxD mm)		150x150mm for main board	
	Net Weight		-	
	Power Out		12V DC to camera (4 channel)	
	Power Source		9~35V 1A	

* Optional functions

** Customizing project