

HC DVR100 Mini

1Ch MPEG 4 Miniature DVR



Features

- Easy Setup
- Pre-Alarm Recording
- Motion Detection
- Remote Controller
- Low Power Consumption (normal 120mA)
- Sensor-In / Alarm -out
- Schedule Setup
- PC Viewer (D5 Player)

Specification

ITEM	DESCRIPTION	REMARKS
Video Input Format	NTSC / PAL	AUTO/DETECTION FUNCTION
Operating system	RTOS in firmware	
Video Input Channels	1CH Composite video (BNC/RCA)	
Video Output Channels	1CH Composite video (BNC/RCA)	

Input Level		1.0Vp-p +/-10% Composite, 75 Ohm Unbalanced	
Main TV Output 1		1.0Vp-p Composite, 75 Ohm Unbalanced	
Display Resolution	NTSC	352 x 240	CMOS:320X240
	PAL	352 x 288	
Display frame rate	NTSC	Max 30 frames/ sec	
	PAL	Max25 frames/ sec	
RECORDING			
Recording frame rate (Quad mode)	NTSC	Max 30 fps	30 fps (per recording)
	PAL	Max 25 fps	25 fps (per recording)
Recording frame rate (Each Mode)	NTSC	Max 7.5 fps (Each mode) Each mode = MAX frame / Number of video source	
	PAL	Max 6.25 fps (Each mode) Each mode = MAX frame / Number of video source	
Recording Mode		Manual / Programmed / Sensor / Motion Detection	
Recording Resolution	NTSC	352X240	CMOS:320X240
	PAL	352X288	
Compression format (Each channel)		MPEG4 (12-1200Kbyte / frame)	Low: 500KB / frame Normal: 700KB / frame High:1,200KB / frame
Alarm Out Time		00,05,10,15,20,25,30, CONT	
Internal Storage		SD Memory	Depend on SD Memory
AUDIO			
Compression		G.711, 8bit PCM	
Input Channel		1CH (Connectable to any video channel)	
Input Level		200mVp-p @ 20KOhm	
Live Output		1CH	
SEARCHING & PLAYBACK			
Searching Method		Time / Event	

Viewer Software		
Monitoring Environment	Client S/W	
Connection	Supporting 1 Client	FUNCTION: -Memory Searching
ALARM		
Alarm Output	1Port / NO Isolated Relay Output	
Motion Detection	Available for each camera Multi Detection Level	
CONNECTOR		
Video Input	1Ports (BNC/RCA)	
Audio Input (mono)	1 Port (RCA or Optional)	
Audio Output (mono)	1pin	
I/O port	4 LED / 3 BUTTON	
SD Slot	1	
UART	1	
I/O Board connector	1	
ELECTRICAL		
Power Source	DC12V, 1A	
Power Consumption	Appx. 120mA	
ENVIRONMENTAL		
Operating Temp.	-20~ +70°C	
Storage Temp.	-20 ~ +60 °C	
Humidity	30 ~ 80 %RH (non-condensing)	
PHYSICAL		
Dimension	38 (W) x 38(L) x 16(H) mm	
Weight	Appx. 35g	
Remote Control	Available	

Based on 1GB of storage with the installation of 1cameras.

RECORDING TIME TABLE

Video Signal	Record Mode	Video Quality	30 fps	15 fps	7 fps	1 fps
NTSC*	1ch	HIGH	2 Hours	4 Hours	8 Hours	16 Hours
		NORMAL	2 .1/2Hours	5 Hours	10 Hours	20 Hours

		LOW	3 Hours	6 Hours	12 Hours	24 Hours
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* The NTSC signal mode is used for most of televisions produced in the U.S.

FRAME SIZE (ROUGH DATA SIZE)

Quality	High	Normal	Low
Size	1,200Kbytes / frame	700 Kbytes / frame	500 Kbytes / frame

Dimensions

