

TIC100-S 4/8/12/16 CH DVR System

(2007-01)

Main Features

- Support 4/8/12/16 ch capture card real time display
- Live view Full D1, 720*480/720*576 (True color)
- Frame rate : up to 30/25 fps
- Full 4D1 for record, recording rate up to 120/240/360/480 fps
- Video Encode : M-JPEG & H.264 Support 4/8/12/16 Alarm inputs
- Support Hardware Watchdog
- Ethernet protocols : TCP/IP
- Ethernet : Real time latency less than 200 ms/frame
- Network remote monitor, playback, configuration, backup
- Support 4/8/12/16 Alarm inputs
- SDK for Windows, Linux



Specifications :

		PC Base			
		4	8	12	16
Number of video		4	8	12	16
Number of audio		4 bi-directional	8 bi-directional	12 bi-directional	16 bi-directional
Frames Rate	<i>NTSC</i>	120	240	360	480
	<i>PAL</i>	100	200	300	400
Live View (Full D1)	<i>NTSC</i>	720x480 , 320x240 (True Color)			
	<i>PAL</i>	720x576 (True Color)			
Recording (Full D1)	<i>NTSC</i>	120	240	360	480
	<i>PAL</i>	100	200	300	400
Max. Recording Frame Rate		30 fps/s/channel (NTSC) / 25 fps/s/channel (PAL)			
Configurations		1 main	1 main + 1 sub (2 main)	1 main + 2 sub (2 main + 1 sub)	1 main + 3 sub (2 main + 2 sub)
Signal Processing		Proprietary GSP to eliminate signal noise			
Compression		M-JPEG, H.264			
Compression Ratio		0 – 100% (15-20% recommended)			
TV OUT		Built-in			
I/O		Optional I/O control card			
Motion Detection (adjustable block)		20	40	60	80
Watch Dog		Built-in			
Live View and Record		Individual Frame Setting with variable Frame Size			
Recording					
Remote Connection		TCP / IP			
Ethernet Connection		RJ45, 100/1000Mbps Real Time latency \leq 200 ms/frame			
OSD		Built-in, Partial Update to increase efficiency			
Preview		Up to 2 Channels at D1 Real Time Latency \leq 200 ms/frame			
SDK		Windows, Linux			



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	Version	PC Base			Stand-alone (4 Channels)			Embedded		
		Standard	Professional	Enterprise	Standard	Professional	Enterprise	Standard	Professional	Enterprise
Monitoring Software	Split Screen	•			•			•		
	Sequential	•			•			•		
	Picture Quality Adjment	•			•			•		
	Picture Save	•			•			•		
	PDA Monitor Function	o	•		o	•		o	•	
	Snapshot	Single	3 Pages	User define	Single	3 Pages	User define	Single	3 Pages	User define
Recording	Recycle Recording	•			•			•		
	Real Time	•			•			•		
	Schedule	•			•			•		
	Motion Detection	•			•			•		
	Sensor Alarm	•			•			•		
	Forward/Backward	•			•			•		
Alarm Input	Motion Detection	•			•			•		
	Sensor Trigger	•			•			•		
	Video Loss	•			•			•		
	I/O Device Failure	•			•			•		
Alarm Output	Start Recording	•			•			•		
	Voice Detection Alarm	•			•			•		
	Voice Recording (Video Sync.)	o	Hardware Config.	•	o	Hardware Config.	•	o	Hardware Config.	•
	Send E-Mail with Photo	o	•		o	•		o	•	
	PTZ/Speed Dome Control	o	•		o	•		o	•	
	Telephone dail up	o	•		o	•		o	•	
System	Alarm Display	•			•			•		
	Event Log	o	•		o	•		o	•	
	Authorization Control	•			•			•		
	Electronic Maps	o	•		o	•		o	•	
	Water Mark	o	•		o	•		o	•	
	Input Channel assignment	•			•			•		
	Log Report	o	•		o	•		o	•	
	Dual Display	o			o			o		
	Auto Lock Tracking	o	•		o	•		o	•	
	Real Time Listening	o	one way	Bi-directional	o	one way	Bi-directional	o	one way	Bi-directional
	Remote bi-directional Voice Call	o	Options		o	Options		o	Options	
	Remote Password Setting	o	•		o	•		o	•	
	Remote Control	o	•		o	•		o	•	
	Remote Management	o	•		o	•		o	•	
	Remote Backup	o	•		o	•		o	•	
	Remote Update	o		•	o		•	o		•
	Multi-Language	Chinese, English (Japanese, French, German, Spain, Portuguese, Russia, Finnish, Italian)								
	System Restore CD	•			•			•		
	Operation System	Win XP, Win 2000			Win XP, Win 2000			RTOS		
	Working Temp.	0 C~60°C			0 C~50°C			0 C~55°C		
File Manager	Backup File Selection	•			•			•		
	File Deletion	•			•			•		
	File Backup & Restore	•			•			•		
Playback	Camera Search	•			•			•		
	Alarm Event Search	•			•			•		
	Time/Date Search	•			•			•		
	Multi Window Playback	•			•			•		
	Playback Speed Adjustment	1/10, 1/8, 1/6, 1/4, 1/2, 1, 2, 4, 6, 8, 10 speed								
	Freeze Picture	•			•			•		
	Zoom Picture	•			•			•		
	Save Picture	•			•			•		
	Print Picture	•			•			•		
	Single Fram Playback	•			•			•		

Remarks :

- With Function
- o N/A

