

ISD-204

MPEG4 3G 4-CH DVR



Features:

- MPEG-4 video compression/decompression with configurable quality
- Bi-directional audio capabilities
- Playback search by time or event (alarm, motion, & video loss)
- Smart search & playback
- Ethernet for remote access, e-mail alarm notification, FTP video/audio file storage, remote setup & upgrade
- 1 I.E. software for up to 4 DVRs
- Remote access through mobile phone or PDA
- RS-232 and RS-485 for PTZ, keyboard control, POS, and GPS support
- OCX SDK available for the integration with different applications

Specifications:

Model No.:	ISD-204	
System	O.S	Embedded Linux 2.6
	Multiplex	Sixfold operation - simultaneous record, live, playback, backup, control, & remote access
	Certification	FCC, CE, LVDS, etc.
Video	Format	NTSC/EIA or PAL/CCIR
	Input	4-CH, BNC, 1Vp-p/75ohm
	Main monitor	BNC x 1, S-video x 1, 1Vp-p/75ohm ; Optional VGA D-SUB 15-pin connector
	Call monitor	BNC x 1, 1Vp-p/75ohm
	Loss detection	Yes
	Motion detection	Yes, with configurable detection area & sensitivity
Audio	Input	2 RCA-jack connectors, line-in level (100mV-2Vrms)
	Output	2 RCA-jack connectors, line-out level (up to 2Vrms)
Record	Compression	Video: MPEG-4 Audio: ADPCM
	Frame rate (IPS) & Resolution	NTSC – 30 / 720*480, 60 / 720*240, 120 / 360*240 PAL – 25 / 720*576, 50 / 720*288, 100 / 360*288
	Mode	Manual/Schedule/Alarm/Motion
	Pre-record time	0 - 10 seconds
	Post-record time	0 - 60 minutes
Display	Resolution	NTSC – 720*480 ; PAL – 720*576
	Split windows	1/4
	Frame rate	Up to 30 (NTSC) / 25 (PAL) IPS per display window
	Freeze	Yes
	Sequential switch	User adjustable
Playback	Frame rate (IPS) & Resolution	NTSC – 30 / 720*480, 60 / 720*240, 120 / 360*240 PAL – 25 / 720*576, 50 / 720*288, 100 / 360*288
	Search Operation	Smart search, Date/time, Camera, Alarm, Motion, & Video Loss Play, Fast Forward, Backward, Pause, Stop, etc. Remote I.E. and HEM can also Print
Storage	HDD	1 set of 3.5" IDE/SATA type HDD, Up to 500GB HDD storage size
	Partitions	Configurable alarm partition size ; Configurable auto-overwrite or not
	Backup	1 SD ; 1 USB 2.0 Disk Drive, DVD+RW, DVD+R, DVD-R, card readers, HDD, etc.
Alarm	Input	4 contact or TTL/CMOS signal, polarity selectable
	Output	1 Normally Open, 1 Normally Closed relay output
	Buzzer	Yes
	Triggered by	Sensor input, Video loss, & Motion
	Event log	Yes
Network	Ethernet	1 RJ-45 10/100BaseT Ethernet connector
	Web	Remote setup, monitoring, backup, alarm notification, & remote software upgrade
	E-mail	1 I.E. for up to 4 DVRs ; Configurable HTTP/Control/Data port
	FTP	Alarm notification to stationary or mobile devices
	Video	Alarm video/audio file storage
	Audio	1/4 split-window & SEQ mode for I.E. and HEM ; Dynamic electronics maps for HEM
	Protocol	Bidirectional
	Remote users	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP
	Bandwidth	Up to 6 users simultaneously
Remote stations	TCP/IP type dynamic sliding window control	
Control POS GPS	I/R	PC, mobile phone, or PDA
	RS-232	1 I/R remote controller
	RS-485	1 D-type female connector for PTZ, POS, or GPS ; 1 optional D-type female connector for PTZ, POS, or GPS
Setup	Local	2-pin for keyboard, PTZ control, POS, or GPS
	Remote	On screen setup via keypad, I/R remote controller, and/or RS-485 keyboard controller
	Multi-lingual	Setup & upload via Windows application software
Reliability	System recovery	Yes
	Watch Dog Timer	Yes
	Timer	Built-in real time clock
	Security	Multi-level password (3 levels, up to 18 accounts) protection with authentication key for remote access
Power	Source	90~264 VAC, 47~63 Hz
	Consumption	18W Max.
Operating Temperature	0°C ~ +50°C	

*Design and specifications are subject to change without prior notice