

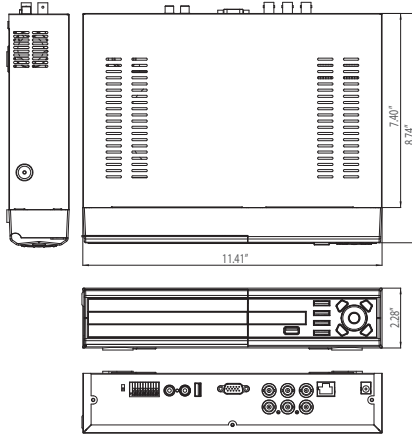


Reliable Triple Digital Video Recorder



DIMENSIONS

Unit : inch



SPECIFICATION

Model	ATOM 4	
Operating System	LINUX	
Pentaplex Function	Simultaneous REcord / Playback / Network / Backup	
Video Compression	H.264 Codec(DSP Based)	
Live Display Speed	120 fps	
Recording Speed	120 fps	
Video Input	4CH(BNC)	
Video Output	VGA monitor	1280X1024
	Sub monitor	1 Composite(BNC)
	Spot-out	1 Composite(BNC)
	Loop-out	None
Screen Division	Live	1,4
	Playback	1,4
Audio In/Out	1 Line in(RCA) / 1 Line out(RCA), CODEC:G.711	
Alarm In/Out	4 In/ 1 relay	
Storage	Up to 1 HDD's(SATA)	
Archive	USB Device & Network	
USB Port	1 (front) + 1 (Rear)	
PTZ & Keyboard control	RS-485	
System Control	USB Mouse, Front button, Remote controller & Keyboard controller	
Network	LAN, DHCP, Dynamic IP, DDNS	
Power	12V Adaptor, 3A, 100~220VAC, 50~60Hz	
Operating Temperature	0 ~ 40°C	
Humidity	10 ~ 90% NC	
RemoteSW	CMS support, Web Viewer	

Advanced Features

- ◆ **Triplex** Operation Performance
- Simultaneous Record / Playback / Network
- ◆ Realtime Recording @ CIF
- ◆ **Independent** Resolution, FPS, Quality and Audio **setting per channel**
- ◆ Record Time Limit
- ◆ Quick & Easy playback function(Forward & Reverse, Max. 64x)
- ◆ Powerful Search Mode(Calendar, Event Search)
- ◆ G.M.T Time zone & D.S.T supported
- ◆ Remote PTZ control supported
- ◆ Two way audio communications supported
- ◆ Various Archiving Devices supported - USB device, Network
- ◆ Flexible Network supported(Static IP, DHCP, DDNS)
- ◆ **Auto Port Forwarding** by UPnP
- ◆ Remote Live viewing, searching, configuration, archiving
- ◆ Easy firmware upgrade via USB
- ◆ Alarm in/Motion Detection/Video Loss/HDD SMART
- ◆ E-mail notification, Video Pop-up
- ◆ 3G Phone supported (**4G iPhone, Blackberry, Android**)
- ◆ **Mac** compatible (Safari browser)

MAIN FEATURES

LIVE DISPLAY	
OSD	On/Off
Border Color	Selectable
Digital Zoom	None
SEARCH	
Calendar Search	Search by time
Panorama/ Event Search	Frame by frame, multi-hour / Search by event
PLAYBACK	
Playback Speed	Variable Playback(Max.64x)
Playback Rate	Up to 120 fps @ 352 X 240 Up to 60 fps @ 704 X 240 Up to 30 fps @ 704 X 480
Audio Play	Synchronized with Video
SYSTEM	
Video Covert	Video will be hidden Live & Playback mode, But it will be recorded
PTZ	Support common PTZ protocol, Preset up to 255
Motion Area Setting	Adjustable GRID(16X16), 10 Steps Sensitivity Level
Time Synchronization	Auto Time Sync. By NTP server
User Authority	Each User Group has different function
System Reliability	Watch-Dog, Auto-Recovery after power Failure
Firmware Upgrade	Via USB device
Configuration Export & Import	Setting configuration copy & paste to other DVR via USB
S.M.A.R.T. Alarm	Auto-Detect & monitoring the HDD's problem
RECORD	
Resolution Setting	By each camera for different resolution setting(CIF/2CIF/D1)
Recording Quality Control	5 Levels (Low/Standard/High/Highest/Super)
Recording Schedule	By hour, by day, by recording mode, By alarm, By Ch
Panic Record	Overrides all other recording settings to provide the best quality recording
Pre-recording	Max. 5 seconds
Post-recording	Max. 180 seconds
ARCHIVE	
Archive Device	USB device
File Format	AVI file
Bookmark Archiving	Supported
Player	Backup player, Window Media Player and etc
NETWORK	
Network SupportType	LAN/DHCP/DDNS
Net Client & Web server port	Programmable by User
E-mail notification	E-mails to specific users to notify events
System Configuration	Full setup configuration over network
Bandwidth limit	Limitable the Network Bandwidth by User
Two-way Audio	Communication with Remote SW
Others	
Watermark	Watermarked Video & Audio for security

GUI Overview



(RECORDING SETUP)



(SEARCH)