

# H.264 DIGITAL VIDEO RECORDER

## BIC SERIES

TelView



### Advanced Features :

- TI DSP Based Platform w/self developed codec (H.264)
- Triplex Operation Performance - Record / Playback / Network
- Real-time Recording speed up to 480fps @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, Timeline, 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 (CD/DVD-RW, memory), Network
- Flexible Network supported(Static IP, DHCP, DDNS)
- Remote Live viewing, searching, configuration, archiving
- Alarm in / Motion Detection / Video Loss / HDD SMART
- E-mail notification
- Smartphone supported
- Easy Network Connection (Auto Port Forwarding)



Back Panel BIC 412



Back Panel BIC 824



Back Panel BIC 1648

## Specification

Model	BIC 412	BIC824	BIC1648
Triplex Function	Simultaneous Record / Playback / Network		
Video Compression	H.264 Codec (DSP Based)		
Live Display Speed	120/100 FPS	240/200FPS	480/400FPS
Recording Speed	120/100FPS @ CIF	240/200FPS @ CIF	480/400FPS @ CIF
Video Input	4CH (BNC)	8CH(BNC)	16CH(BNC)
Video Output	1 VGA (1280 x 1024) / Sub 1 Composite (BNC)		
Spot-out	1 Composite (BNC)		
Screen Division Live/playback	1,4,6,8,9,16 / 1,4,9,16		
Audio In / Out	1 In (RCA) / 1 Out (RCA)		4 In (RCA) / 1 Out (RCA)
Alarm In / Out	4 In / 1 Out (Relay)		
Storage	1HDD		
Archive	USB Device (HDD, DVD, Thumb Drive) & Network		
USB Port	1 Front + 1 Rear		
PTZ & Keyboard control	RS-485		
System Control	USB Mouse, Front button, Remote controller & Keyboard controller		
Network	Static IP, DHCP, DDNS		
Power	12V Adaptor, 5A, 50~60Hz		
Operating Temperature	0°C ~ 40°C / 10 ~90% NC		
Dimensions (mm)	318 (W) x 250 (D) x 58 (H)		
Weight (Kg)	4 Kg		
Remote SW	CMS, Web RA, Smart Phone		

## Main Features

### LIVE DISPLAY

OSD	On / Off
Border Color	Selectable

### SEARCH

Calendar / Event Search	Search by time / Search by event
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### PLAYBACK

Playback Speed	Variable Playback (Max.64x)
Audio Play	Synchronized with video

### SYSTEM

Video Covert	Video will hidden Live & Playback mode. But it will be recorded
PTZ	Supported most of PTZ protocol, Preset up to 255
Motion Area Setting	Adjustable GRID (12 x 12), 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 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 channel
Pre / Post recording	Max. 5 seconds / Max. 180 seconds

### ARCHIVE

Archive Device / Format	CD / DVD / USB device, AVI file
Player	Backup player, Window Media Player and etc.

### NETWORK

Network Support Type	Static IP, DHCP, DDNS
Net Client & Web Server Port	Programable by User
E-mail notification	E-mails to specific users to notify events
System Configuration	Full setup configuration over network
Bandwith limit	Limitable Network Bandwidth by user
Two-Way Audio	Communication with Remote SW

### OTHERS

Watermark	Watermarked Video & Audio For security
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