DIGIWELL

Powerful Compression Format

✶ **MPEG-4 Like**

4ch DVR Solution

Merlin 304

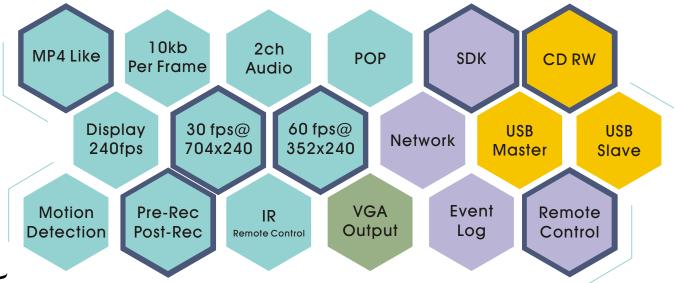|					
MP4 Like	10kb Per Frame	2ch Audio	POP	SDK	CD RW
Display 240fps	30 fps@ 704x240	60 fps@ 352x240	Network	USB Master	USB Slave
Motion Detection	Pre-Rec Post-Rec	IR Remote Control	VGA Output	Event Log	Remote Control

Feature

- Compression: MPEG-4 Like
- Real Time Display @ 720 x 480, 240 fps
- Recording Mode: Schedule, Continuous, Motion Detection, Alarm
- Pre-recording & post-recording supporting at Motion Detection or Alarm recording mode
- Multiple Recording Frame Rate: 30/60
- Small frame size: 10 KB
- Two Channel Audio Recording
- Quick Backup Function: hot button backup to CDRW or USB Host (Pen drive or card reader)
- Backup time (3 minutes Recording images@30fps): CDRW uses 1"59' (12.8Mbps), USB Host uses 2"10'(1240Kbps)
- Clear View at Fast Speed Playback Mode
- PC Readable File Format: Viewable by Windows Operating System Explorer, playback by prosperity PC Player
- Network Module: 50 users connection
- SDK for System Developers
  - Easy to integrate into surveillance system
  - Full calls to support live/record/event
  - Active-X control edition
- URL command edition

Model	Name	Model
System	System	Merlin 304
	Compression Format	MPEG-4 Like
	Channel	4 video input(CVBS)
	Record Resolution	704x240/352x240
	Record Frame Rate	30/ 60
	Frame Size(704x240)	7~10.5KB
	Frame Size(352x240)	3.5~5KB
	Quality	4 Level Adjustable
	Fast/Slow Playbacke	X2/x4/x8, Frame by Fram
	Audio	2 in/ 2out
	IR Controller	Yes
	VGA output	Option(Merlin304 V)
	Power Consumption	2.9A/12V(with CD-RW, Network,HDD)
MUX Function	Motion Detection	Yes(16x12)
	PIP	Yes
Storage Media	HDD Num	1
	Can be read on PC	Yes
	CD-RW	Option (Merlin304 C)
	USB Master	Option(Merlin 304 M)
	USB Slave	Option(Merlin 304 U)
Network	Network Module	Optional(Merlin304 N)
	Protocol	TCP/IP, DHCP, DDNS, PPPoE, SMTP
	Format	MPEG-4 Like
	Frame Rate	30 fps @704 x240
	Transmit Mode	Multiplexer Mode, Frame by Frame
	Viewing Mode	By IE browser, 50 connections
	Remote Control	By IE browser, with Active-X Plug-In package
	System Control1	1. Video Server Control 2. DVR Advanced Control: Menu Setup, Record Setup, Event Setup
	ALM (Automatic Log Management)	Yes: Motion, Alarm, Power on, Record, Video Loss, HDD Fail, HDD Full...
	SDK (Design kits for System Developer)	Yes