

## **16 Channel MPEG-4 Digital Video Recorder**



WDR-1612 / WDR-1624 / WDR-1648

### **MAIN FEATURES**

- Embedded high performance 32Bit CPU for added reliability
- Easy to use mouse control interface
- LAN/Network capability for viewing and downloading images
- Quadruplex capability - simultaneous record, playback, backup and network transmission
- Motion detection with sensitivity settings
- Programmable recording - daily or weekly
- Jog shuttle for quick speed variance during playback or search
- Includes: Wireless remote control and remote viewing software

**WELDEX CAN CUSTOMIZE DVRS FOR YOUR SPECIFIC NEED!!**

# WDR-1612 / WDR-1624 / WDR-1648 (16CH MPEG-4 Digital Video Recorder)

## SPECIFICATIONS

Video Signal	Support NTSC & PAL Standards			
Operating System	Embedded Linux			
Quadruplex Function	Simultaneous Record / Playback / Network / Backup			
Video Input	16 BNC			
Video Output	1 TV Monitor, 1 S-Video, 4 Spot, 1 VGA			
Loop Out	16 BNC			
Live Display	1,4,9,16 PIP			
Playback Display	1,4,9,16 PIP			
Video Compression Method	MPEG-4 ASP (Advanced Simple Profile)			
Average File Size	2.5 ~ 8 KB			
Live Display Resolution	720 x 480 (NTSC), 720 x 576 (PAL)			
Live Display Rate	480fps (NTSC), 400fps (PAL)			
Recording Rate & Resolution	MODEL	WDR-1612	WDR-1624	WDR-1648
	NTSC	120fps @ 352 x 240	240fps @ 352 x 240	480fps @ 352 x 240
		60fps @ 704 x 240	120fps @ 704 x 240	240fps @ 704 x 240
		30fps @ 704 x 480	60fps @ 704 x 480	120fps @ 704 x 480
	PAL	100fps @ 352 x 288	200fps @ 352 x 288	400fps @ 352 x 288
		50fps @ 704 x 288	100fps @ 704 x 288	200fps @ 704 x 288
25fps @ 704 x 576		50fps @ 704 x 576	100fps @ 704 x 576	
Alarm In / Alarm Out	16 TTL input / 4 Relay and 12 TTL output			
System Control	Key Buttons, IR Remote Controller, Remote Client PC			
Audio In / Out	4 RCA Input / 1 RCA Output			
PTZ Dome & Controller Interface	RS-485			

## FEATURES

Display Settings	Brightness, Contrast, Color Adjustments, Hidden / Covert Per Channel
Camera Title	12 Characters Per Channel
Recording Modes	Continuous, Schedule, Alarm, Motion, Overwrite
Recording Adjustments	3 Levels of Resolution / Recording Frame Rate Adjustment per Channel
Pre-Alarm & Post Alarm Recording	Pre-Alarm: 5 ~ 300 sec / Post-Alarm: Max 300 sec
Motion Detection Per Channel	11 x 9 Selectable Grids / 10 Sensitivity Levels
Search Modes	Time & Date, Camera, Alarm, Motion
Playback Modes	Forward & Reverse, Pause, Field by Field, Normal Speed, 2X, 4X, 8X, 16X, 32X
Power Failure Recovery	Auto Reboot while maintaining previous record settings
Alarm Notification	Automatic E-mail: External Alarm, Video Loss, Record Failure, HDD Failure, Log-in/out, Shutdown
System Utility	Password / Auto Lock / Disk Format / Disk Check / Date-Time / Software Upgrade / Factory Default
Internal Backup Device	CD-RW or DVD-RW
External Backup Device	USB 2.0: Memory Stick & External HDD
Mini-Player for Backup	Installing dedicated software into PC is not required to playback files from CD or DVD
Communication Port	USB 2.0, RS-232C, RS-485, Ethernet
Storage Capacity	Up to 2.0TB, Max 4 Internal HDD Bays
Network	LAN, WAN, Internet, PSTN Line with DSL Modem
Remote Client Software	Multi-site / Enterprise level client software
Dynamic IP Support over Cable	Dedicated Host ID per unit. DVR will automatically self reconfigure every time IP address changes
IR Remote Controller	Control up to 100 DVRs

## GENERAL

Power	100 ~ 240V AC (50/60Hz), Universal
Dimensions (WxDxH)	430x450x89mm (16.9x17.7x3.5inch)
Weight	8.9Kg(19.6lbs) / 11Kg(24.2lbs) - with Packing Box
Operating Temperature	0 Deg C ~ 40 Deg C (32 Deg F ~ 104 Deg F)

