



Orbix 16-Channel Security DVR



Orbix 16-Channel H264 Standalone Security DVR Model ECL-ORB16V (w/DVD writer) and Model ECL-ORBIX16 (w/o DVD writer)

The advanced standalone Orbix H264 security DVRs incorporate an embedded operating system with on-screen multilingual display (OSD) menu, audio and alarm inputs, user selectable composite or VGA video output, and stores video using the latest H264 compression code/decode (codec) format. It has a user selectable image capture rate and video resolution and can hold up to three internal disk drives (SATA interface). A built-in web server allows remote internet viewing using MS Internet Explorer 5.0 or greater. Free down-loadable software allows programming and advanced DVR control during remote viewing using the Orbix client interface.



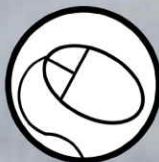
Orbix Software Client Interface

Client software is down-loadable from a dedicated support web site and is MS Windows XP and Vista compatible.

IR Remote Control
Included



PS2 Mouse Port



Specifications - Power, Remote, Physical

Hard Drive Storage: Space for 3 HDDs, SATA Interface
Power: 12VDC (included)
Remote Control: Infrared (included)
Operating Temperature: 41° - 104° F (5° - 40° C)
Dimensions: 14.5" (d) x 17" (w) x 3" (h) (368.3mm x 431.8mm x 76.2mm)

Specifications

Compression: H264 video codec	
Display Speed: Playback video at normal speed, PAUSE, REW, FF	
Record Speed: NTSC - 60, 120, 240 Images per Second PAL - 50, 100, 200 Images per Second	
Display Resolution: NTSC - 720x480, 720x240, 360x240 PAL - 720x576, 720x288, 360x288	
Record Resolution: NTSC - 720x480, 720x240, 360x240 PAL - 720x576, 720x288, 360x288	
File Format: H264 compression and AVI format	
Selectable Video Recording Quality: Fine / Normal / Low	
Display Division: 1, 4, 7, 9, 10, 13, 16	
Display Zoom: 2X	
Recording Modes: CIF, D1 and half D1 using Manual / Programmed Motion Detection / Sensor / Video Loss / Schedule	
Motion Detection	User selectable area per individual camera Five (5) levels of sensitivity
PTZ Support: RS485 support for Pan/Tilt/Zoom cameras	
Multi-Lingual Menu: English, Spanish, Polish, Russian, Chinese (traditional), French, Turkish, German, Italian, Portuguese	
Multiplex Operation: Simultaneous live view, record, play-back, backup, remote view	
Watermark: Yes	
Video Inputs: 16, BNC style connectors	
Video Outputs: 1 BNC connector (composite) or 1 VGA, 1 spot monitor output	
Audio Inputs/Outputs: 1 input/1 output, RCA style connectors	
Alarm Sensor Inputs/Outputs: 16 inputs, 1 relay output (relay trigger)	
Alarm	Pre-event record: 0-5 seconds Post-event record: 0-60 seconds
Event Log: Alarm, Motion, Video Loss, Power Loss, Power and Record on/off	
Search Mode: Time, Calendar, Event, File, Block	
Removable Media Storage: Optional DVD Writer (model ECL-ORB8V)	
Storage/Backup Media: HDD, DVD Writer (model ECL-ORB8V only) , USB 2.0 Devices	
Programming Menu: On-Screen Display (OSD)	
Network	Compression: H264 Interface: 16-channel client viewer, Web Browser Speed: 120 images per second max. Protocol: TCP/IP, SMTP, HTTP, DHCP, DDNS Web Browser: MS Internet Explorer 5.0 or higher
Backup	Internal: Models with DVD R/W External: USB HDD, USB DVD Writer, USB Memory Stick, Network Backup
System Log	Mode: Power Failure Check, Menu Change, Network Connection Capacity: 20,000 records
Email notification: Supported, multiple addresses	
Monitoring: Software Watchdog	
Recovery: Auto-Reboot by Watchdog	
Firmware Upgrade: USB 2.0 Port (front panel), Network	