



Orbix 16MX 16-Camera DVR



Orbix 16MX 16-Channel Standalone Security DVR

The advanced standalone Orbix MX series security DVRs incorporate an embedded operating system with on-screen display (OSD) menu, audio and alarm inputs, and H264 compression. 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 commonly available software.

Usability has been enhanced with digital zoom, picture-in-picture capability (PIP), and freeze. An event pop-up function calls attention to the spot monitor when a pre-set event occurs, putting the monitor in full-screen mode with the picture of the relevant camera. Operating system upgrades, when available, can be downloaded to a standard USB flash drive (included with the DVR) and then uploaded to the DVR or PC at your convenience.

Point-of-sale (POS) functions allow you to connect to compatible cash registers, ATMs and similar devices. Record sales, drawer access and other functions with text and video. Search text at a later date to find specific transactions or receipts and see the video captured during the event.

Easy Hard Drive Management

- **S.M.A.R.T. options let you monitor HDD status and temperature, alerting you with an alarm if it needs attention**
- **Storage options include permanent, auto-delete (based on days), or circular recording to recycle storage space as needed**

FREE 64 Camera Channel Management System

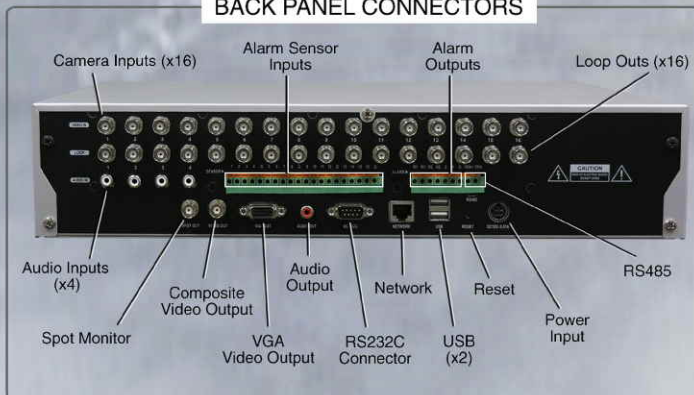


Our free CMS software lets you manage remote connections, program your DVR for special surveillance tasks, and set up special features like pre-event recording.

FREE IR Remote Control



BACK PANEL CONNECTORS



General Specifications

Video Compression: H264
Video Input: 16 channels (BNC)
Live Display Speed: Real Time
Split Screen Options: 1, 4, 9, 13, 16, PIP, digital zoom
Output Resolution: 720x480 (NTSC), 720x576 (PAL)
Record speed/resolution
NTSC CIF: 240 ips (images per second)
NTSC 1/2 D1: 120 ips
NTSC D1: 60 ips
Playback Options: Multi-channel normal speed and reverse, RW & FF (at x2, x4, x8, x16, x32), frame-by-frame, pause
Record Quality Settings: 4 quality settings per camera
Recording Modes: Time lapse, event, time & event, panic
Alarm Inputs: 16 (TTL)
Alarm Outputs: 2 (TTL) & 2 (Relay)
Pre-Alarm Recording: 1 to 30 seconds (programmable)
Post-Alarm Recording: up to 1 minute (programmable)
Monitor Outputs: 1 composite (BNC), 1 VGA, spot monitor (BNC)
Audio Input/Output: 4 in, 1 out (RCA)
Triplex Operation: Standard feature
Search Modes: Calendar, event, go-to time, text-in
Network Connectivity: RJ45 Ethernet conn. 10/100/1000Mbps
Remote Operations: Live camera video, playback, record, setup system, PTZ, archiving
Serial Connectivity: RS485 (1), RS232 (1)
USB Ports: 1.1 (1 port), 2.0 (3 ports)
Storage: 3 SATA devices (3 HDD or 1 DVD/CD drive & 2 HDD)
Backup: External USB memory, USB HDD device, Clip Make, (optional) internal CD or DVD R/W
User Controls: mouse, front panel buttons or IR remote control
Network Remote Monitoring & Playback: Yes
Network Remote Programming/Configuration: Yes
Network Remote System Check: Yes
Network Remote Backup: Yes
Network Remote Clip Maker: Yes
Network Time Synchronization Protocol: Yes
Remote Internet Monitoring & Search: Yes
Remote Internet Programming/Configuration: Yes
Key Lock: Yes
Programming/Setup Menu: On-screen display (OSD)
Firmware Upgrade: USB memory device or network
Dimensions: 16.9"(w) x 3.5"(h) x 16.9"(d) 430mm(w) x 88mm(h) x 428mm(d)