



V48016 VEO Embedded DVR

i3 Part# V48016



Features

- 16 channel Digital Video Recorder
- H.264 compression
- Up to 480 images per second (IPS) recording rate
- Support for continuous, motion, alarm, and scheduled recording
- Pre- and post-alarm recording
- Search by calendar & date/time (graphic time bar) or sensor & motion event per channel
- Real frame playback never skips all the frames even while in fast forward & fast rewind
- Audio playback will synchronize with video
- Video viewing through web software and Smartphone
- Accessories Option: RMB-Veo Rackmount Brackets

Application & Benefits

The Veo 48016 is an affordable entry-level digital surveillance video recorder running on an embedded operating system. Built with flexibility and adaptability in mind, the system accepts up to 16 camera inputs enabling fast frame rate recording, powerful playback, searching, and exporting capabilities.

Video can be viewed remotely or on a local area network with audio. H.264 video compression improves image viewing remotely and enables viewing multiple sites as well. Managers can choose between a traditional composite monitor, VGA, web software and even through a smartphone browser to view live video. Local users can back up video via CD/DVD, USB drive or even a remote file server.

The front panel of the system uses buttons allowing simple navigation through Veos menus. A built-in S.M.A.R.T. alarm indicator will auto-detect and monitor your hard drives condition for added peace of mind. Live video and playback may be hidden while the unit records. For franchisers with multiple sites, a configuration setup can be saved to a USB drive and transferred to various systems in the field. A powerful replacement for the traditional VCR system; it will revolutionize the way you secure your business assets.

Accessories Option: RMB-Veo Rackmount Brackets, 1 pair of VEO Rackmount Brackets

Recommended Products



UN2416
UN2416 Wall mounted
UTP Transceiver



UN2412
UN2412 UTP Power
Supply



i3-400E
i3-400E External
Expansion Chassis



RMB-Veo
RMB-Veo Rackmount
Brackets [NEW]



L-NSARK-PI
L-NSARK-PI Pre-
Installed SATA Box



International Standards
Organization Registered Firm
ISO 9001 Quality System

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For design help, accessories or pricing, please contact:
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Features	
Operating system	LINUX
Video compression	H.264 Codec (DSP Based)
Live display speed	480(NTSC)/400(PAL) fps
Recording Speed	480/400 fps @ CIF, 240/200 fps @ 2CIF, 120/100 fps @ D1
Video input	16CH(BNC)
Video output	DVI monitor: 1280X1024 ; Sub monitor: 1 Composite (BNC)
Screen division	Live: 1,4,6,8,9,16 ; Playback: 1,4,9,16
Audio In/Out	4 Line in(RCA)/ 1 Line out(RCA), CODEC:G.711
Alarm In/Out	4 In/1 relay
Storage	Up to 2 HDD (SATA) + 1 DVD
Archive	USB Device, CD/DVD-RW & Network
USB port	2 (front)
PTZ & keyboard control	RS-485
System control	USB mouse, Front button, Remote controller & Keyboard controller
Network	LAN, DHCP, Dynamic IP, DDNS
Remote SW	Web viewer, Smart phone
Digital Zoom	Up to 3X
Calendar, Event search	Search by time, Search by event
Playback speed	Variable Playback(Max.64x)
Instant playback	Instant playback mode for quick review
System	
Video covert	Video will be hidden on Live & Playback mode, but will be recorded
Time synchronization	Auto Time Sync. by NTP server
User authority	Each user group has a different function
System reliability	Each user group has a different function
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 HDDs problem
Recording quality control	5 Levels (Low/Standard/High/Highest/Super)
Recording schedule	By hour, by day, by recording mode, By alarm, By Ch
Panic record	Overrides all other recording settings to provide the best quality recording
Pre-recording	Max. 5 seconds
Archive device	CD/DVD/USB device
File format	AVI file
Network	
Network support type	Static IP/DHCP/DDNS
Net client & web Server Port	Programmable by user
E-mail notification	E-mails to specific users to notify events
System configuration	Full setup configuration over network
Bandwidth limit	Bandwidth control by user
Two-Way audio	Communication with Web viewer
Physical Environment and Qualifications	
Power	12V Adaptor, 5A, 100-220VAC, 50-60Hz
Operating temperature	00C ~ 40C
Humidity	10 ~ 90% NC
Dimensions	W: 35.56cm x H: 6.35cm x D: 35.56cm
Certification	CE, FCC
Warranty	
Standard warranty	3 year parts, 1 year labor

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