



VEO16 VEO Embedded DVR

i3 Part# VEO16



Features

- Real-time display and recording (480fps/400fps) of up to 16 channels @ 960H (960x480/960x576)
- Simultaneous recording and playback of up to 16 channels (at 480fps/400fps @ CIF)
- Auto alarm feature with self-diagnostics on the system (HDD S.M.A.R.T, system temperature, network error, FAN error, etc.)
- Supports dual streaming for remote access service
- Supports HDD extension (eSATA)
- Various search methods (time, event, bookmark and thumbnail)
- Mass storage backup via USB port or FTP server
- Supports remote access and search using web browser
- 1080p Full HD GUI
- Includes 1TB HDD pre-installed

Application & Benefits

The VEO16 comes with 960H resolution. 960H is the new analog technology allows the VEO16 to capture up to 700TVL, the highest TVL, and fully compatible with i3 Di/Do721. 960H represents the number of horizontal pixels in the CCD image sensor and provides 30% increase in resolution in comparison to D1 (720x480). With greater resolution, the VEO16 is truly a high definition embed DVR system. Having 16 inputs of analog cameras, the VEO16 can display and record 480fps (NTSC)/400fps (PAL) at 960H.

The VEO16 is an affordable entry-level digital surveillance video recorder running on an embedded operating system. 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, or web software to view live video Local users can back up video via CD/DVD, USB drive or even a remote file server. Spot or external output is possible with HDMI.

The front panel of the system uses buttons allowing simple navigation through VEO s 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.

Recommended Products



RMB-Veo
RMB-Veo Rackmount
Brackets [NEW]



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



L-NSAARRK
L-NSAARRK 2nd SATA
Back Box



1TB-UG
1TB-UG Additional 1 x 1
TB Hard Drive -Total
2TB



IN2TB-UG
IN2TB-UG Upgrade 1st
Internal drive to 2TB
hard drive (from 1TB)



International Standards
Organization Registered Firm
ISO 9001 Quality System

CANADA | 780 Birchmount Road, Unit 16, Scarborough, ON, M1K 5H4
USA | 1967 Wehrle Drive, Suite 1 Williamsville, NY, 14221

1.866.840.0004

www.i3international.com

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For design help, accessories or pricing, please contact:
sales@avsupply or call: 1-858-565-1101

AUDIO VIDEO SUPPLY

1-800-284-2288 sales@avsupply.com
www.avsupply.com

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Hardware Configuration	
Chassis Type	1.5 U
Storage HDD	2 HDD, 1TB,2TB,3TB or 4TB each
External Storage	eSATA, NAS (FTP Server for Backup)
Mouse	Yes
Remote Control	Yes
USB	3 USB ports (2 - Front, 1 - Rear)
RS485	1
RS232	1
LAN	1 (LAN) + 1 (WAN); 10/100/1000 Mbps
Main Monitor	VGA / HDMI
Audio Inputs	4 channels (10K Ohm, 2.8 Vpp)
Audio Output	1 channel (600 Ohm, 2.8 Vpp)
Alarm Input	4 channels
Alarm Out/Relay	2 channels (5V, 35 mA)
Weight	min. 4.64 kg (10.2 lb)
Physical dimensions (LxWxH inches/mm)	14.17 x 14.17 x 2.6 inch (360 x 360 x 66mm)
Video Configuration	
Input Signal	NTSC / PAL
Standard Analog Camera Inputs	16
Types of Compression	h.264
Recording Resolution	CIF, 2CIF, D1, 960H
Motion Detection	Yes
Recording Rate	up to 480FPS/ 400FPS @ 960H/D1. Up to 480FPS / 400FPS @ 2CIF/CIF
Electrical	
Power Supply	DC12V, Adapter, 5A (2 HDD), 100~240V AC, 50-60Hz
Power Consumption	35W
Environmental	
Operating Temperature	0 degree C ~ 40 degree C (32 degree F~104 degree F)
Operating Humidity	10 ~ 90%, non-condensing
Warranty	
Warranty	3 year parts & 1 year labour

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