Linear OneBox™ Video + Access Control

one
video + access control
box™

eMerge OneBox
Video + Access Control made simple

DW inside™

Linear®
Building On Innovation.

Linear OneBox™ Video + Access Control

eMERGE

So Simple…Yet So Powerful!

Linear's e3 OneBox™ provides a fully-integrated access and video solution. The e3 OneBox™ combines Linear's award-winning, embedded browser IP-based access control platform with Digital Watchdog's full-featured DW-VMAX digital video recording capability within one enclosure.

DW DIGITAL WATCHDOG
Everything's Digital

Video with Access Control has never been easier

OneBox is an advanced hybrid Video + Access Control solution, delivering event driven video tagging, with access management. Customers can manage both the access and the video platform from the eMerge interface, simplifying setup and use. The key benefit is a unified and intuitive software interface that coordinates activity logs and video playback.

Small footprint

Discreet, secure housing along with Linear's innovative wiring management system makes it easy to wire both access and video system in one location.

Enhance your access control capabilities with video integration:

- Compact wall-mount enclosure
- Easy installation and setup like all DW-VMAX products
- Full suite of remote software applications
- Instantly see & verify access transactions
- Live and recorded video viewing; video export capabilities
- Highly scalable access and video capabilities; add doors, upgrades through software
- Provide video for when specific events happen
- Video event tagging and retrieval

Two Functions – One Box – Saves Time

DW INSIDE™

BONUS!
FREE indoor dome camera included with each OneBox unit. This is a 700 TVL analog indoor 4" dome camera.

Supported Web Browsers and Partners

eMERGE

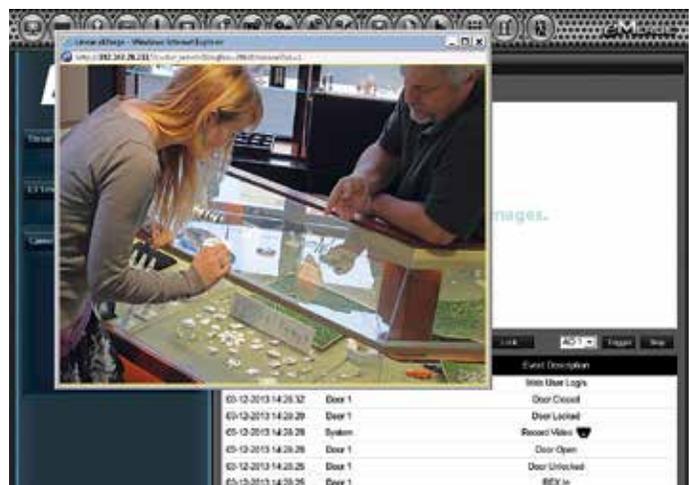# So Simple…Yet So Powerful!

Access Control System Benefits

- Fully-scalable 1-4 door entry level access system
- License key upgradeable to more advanced models
- Fully-integrated access control and video user interface
- Live viewing of cameras and access control
- Single login access to both Access and DVR
- All-in-one steel enclosure with battery backup

Run a report or view event with video

Tag an event with video

DVR System Benefits

- Advanced H.264 Linux embedded video recording
- Multiplex—Live, Playback, Recording, Network
- 120fps at D1, 240fps at CIF for 8CH
- Web-Based Client w/ Multi-User Access
- Simple & Free DDNS Support
- Support 3G Phone; Free App for Blackberry, iPhone, Android, Tablets
- Mac Compatible Remote Software
- Advanced Client Software (ACS) allows connectivity to multiple e3 OneBox and DW DVRs to view video in one GUI

Smart Phone Applications

Remote software includes: DW VMAX smart phone apps for iOS (iPhone, iPad), Android and Blackberry.

Specification Chart

eMERGE · OneBox video access control

Access Control	Processor	1GHz
	On-board RAM	512 MB DDR2 (333 MHz)
	Storage	SD Card, 4GB
	Operating System	Embedded Linux
	Simultaneous Users	8
	Transactions Per Second	30
	Maximum Readers	8
	Inputs	Up to 12 / plus 2 digital
	Outputs	Up to 8
	Cardholders	1,000
	Access Cards	8,000
	Cards Per Person	12
	Card Formats	32
	Access Levels	8
	Time Specs	100
	Online Transactions	15,000
Video	Compression Algorithm	H.264
	Input	4 or 8 Channels
	Resolution	D1, 2CIF, CIF
	Mode	NTSC/PAL Auto Detection
	Monitor	(Composite or VGA); 1 Spot Monitor (Composite)
Audio	Compression Algorithm	G.723.1
	Input	4CH: 1 each, 8CH: 1 each
	Output	1 each
Recording	Speed at CIF	4CH: 120/100fps, 8CH: 240/200fps
	Speed at 2CIF	4CH: 120/100fps, 8CH: 240/200fps
	Speed at D1	120/100fps for All Channels
	Schedule	2 each
	Type	Continuous, Alarm, Motion, Event Recording, Pre- & Post-Alarm, Panic
Playback	Speed	x1, x2, x4, x8, x16, x32
	Mode	Time Search, Calendar Search, Event Search, Bookmark Search
	Function	4CH: 1, 4 Channels / 8CH: 1, 4, 9 Channels
Network & Backup	LAN	10/100 Base-Tx Ethernet (RJ45): Fixed IP, DHCP, DDNS, Auto IP, and UPnP
	Internal	Up to 2 Terabytes
	External	Local backup by USB memory stick, network backup by CMS
Video Connections	Video-In/Out	4 or 8 Composite BNC Inputs (NTSC/PAL), 1 Main Composite Monitor Output
	Audio-In/Out	1 RCA Audio Input (with amplifier), 1 RCA Audio Output (with amplifier)
	Spot-Out	Spot Composite BNC Monitor Output
	USB Port	USB 2.0 Port for Backup Device or Firmware Upgrade
	VGA Port	VGA Monitor
	LAN Port	100 Mbps RJ45 Ethernet Connection Terminal
	Alarm In/Out	1 Alarm Input, 1 Alarm Output
	RS-485 Port	PTZ Dome Camera or External Keyboard Controller Connection
Remote Management	WEB GUI	e3 OneBox GUI for Access Control and Video
	Software	Client Software, CMS
	Applications	Live Monitoring, Remote Playback, File Backup, Video Dual-Stream (Local Recording & Network Transmission), Remote & Email Notification
	Mobile Devices	Android, Blackberry, iOS
Physical & Electrical	Storage Temperature	-20° to 60° C (-4° to 140° F) / 20 – 95% Humidity
	Operating Temperature	5° to 40° C (41° to 104° F) / 20 – 80% Humidity
	Enclosure Dimensions	7.5 in x 24 in x 6.5 in (47.6 cm x 36.2 cm x 16.5 cm) W x H x D
	Certification	CE, FCC, MIC, WEEE, RoHS
	Power	AC/DC Adapter, 12VDC (3.33A)

Requirements for ACS Video Software

Recommended PC Requirements

OS: Windows XP, Vista, 7
CPU: Pentium Dual Core 1.8 GHz or higher
VGA: 1024*768, 256MB Supporting DirectX
RAM: 1GB
HDD: 20MB for installation, 10GB for remote backup

Minimum PC Requirements

OS: Windows XP, Vista
CPU: Pentium 4, 2GHz
VGA: 1024*768, 64MB 24Bit Color Graphic Card
RAM: 1GB
HDD: 20MB free space

Recommended Mac Requirements

OS: Mac OS X 10.6 (Snow Leopard)
CPU: Built-in Intel CPU MAC
VGA: 64MB
RAM: 512MB
HDD: 20MB free space

Web Browser

To run e3 GUI
Microsoft Internet Explorer V. 10 or higher

VMAX Remote Software is available for Apple iOS, Android & Blackberry devices. Download these apps from their respective app stores.

For more information, please visit **www.linearcorp.com**. *Specifications subject to change without notice.*

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