

## E3 eMerge Access Control

**Emerge**  
Essential™



Essential is both compact and cost-effective



**Emerge**  
Essential  
Plus™

Essential Plus adds battery backup  
and easy expansion capacity

**Linear**<sup>®</sup>  
*Building On Innovation.*

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**DW** DIGITAL  
WATCHDOG  
*Everything's Digital*



### Coming Soon

The Emerge Elite-36™ and Enterprise 360™ featuring cutting edge video integration with Digital Watchdog™.

***The Future of Access Control is Here!***

**eMERGE** Access Control  
ESSENTIAL



**eMERGE**  
ESSENTIAL

## Cost-Effective and Expandable Access Control

- Browser-based network appliance
- Reliable, embedded Linux operating system
- 100% solid state design for extended service life
- Fast and easy-to-use set up wizard
- Integrated inputs/outputs for enhanced functionality
- Modular design provides future scalability
- Cost-effective 1-door Essential expands to 4 doors/8 readers
- Ultra fast processing allows more than 30 access transactions per second
- 12VDC power supply included (optional PoE available)
- System status at-a-glance dashboard
- Automatic daily local or network data backup
- Built-in documentation library
- Manage from iPhone, iPad, Android or other compatible mobile devices

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**Scalability...Only from Linear**

The Emerge Essential™ is the first of several models in Linear's revolutionary Emerge E3 Series, providing industry-leading scalability and performance. The Emerge Essential provides entry-level 1-door/2-reader access control with immediate, out-of-the-box expansion capability to 4-doors/ 8-readers. The software can be upgraded to the next model in the E3 family, the Emerge Elite 36™, providing expanded 36-door/72-reader capability. Future software upgrades will facilitate migration to an even more powerful model, the Emerge Enterprise 360™.

**Choose Your Model and Options**

Enclosed in a space-efficient and durable plastic housing, the Emerge Essential is the one of the most cost-effective, entry-level access control systems available today. All systems feature enclosures with tamper switches, and power is provided by a 12VDC plug-in power supply or optional Power over Ethernet (PoE). If battery backup is a requirement, The Emerge Essential Plus system features a self-contained battery back-up with a supervised power supply, enclosed in a heavy-duty steel cabinet.

The optional remote management package opens up tremendous opportunities for recurring monthly revenue (RMR) through value-added services. This package gives dealers and integrators the opportunity to bundle system management services with the Emerge Essential for customers with limited staff.

**Small Package with BIG Features**

Designed with efficiency in mind, the Emerge Essential is ideal for smaller commercial, industrial, banking, retail, and restaurant access management applications, while offering tremendous scalability should customer requirements grow.

**Emerge Scalable Software**

Customizable logo area

Dashboard provides system status at all times

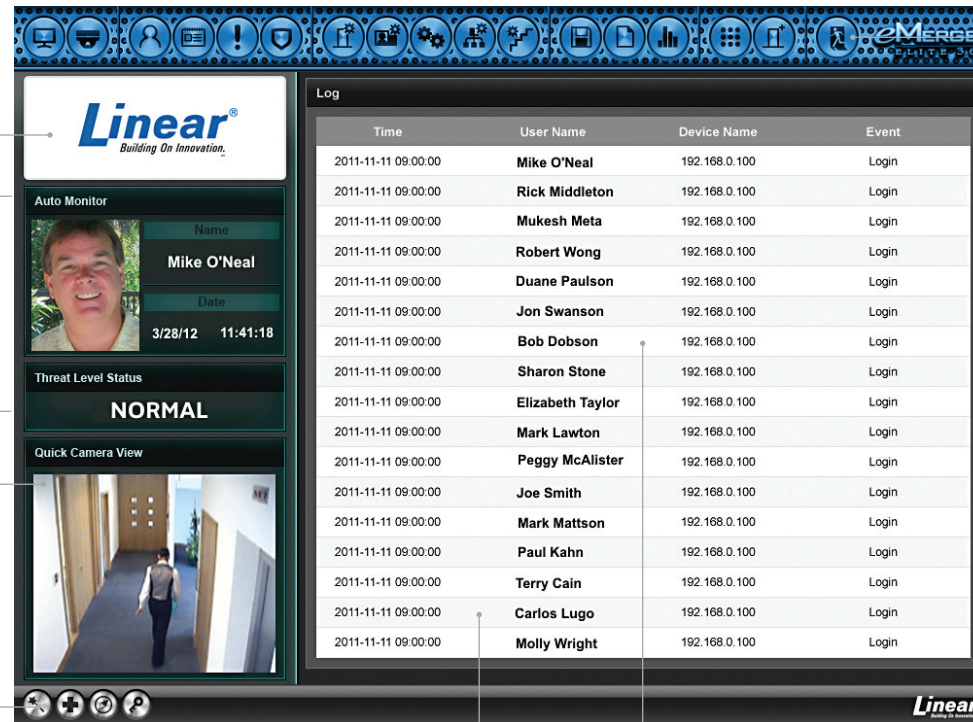
Video pop-up window

Quick menus links

Mobile ap friendly icon based tool bar

Real time activity log

Interactive pane displays activity log, floor plans, and several other screens



**Specifications**

<b>Processor:</b> Cortex 1GHz	<b>Doors/Portals:</b> 1 (scalable to 4+)
<b>On-board RAM:</b> 512MB DDR2 (333MHz)	<b>Maximum readers:</b> 8
<b>Storage:</b> 4 GB Micro SD	<b>Inputs:</b> 12 / plus 2 digital
<b>PIP:</b> 12V-DC 60W UL Approved	<b>Outputs:</b> 8
<b>Operating system:</b> Embedded Linux	<b>Cardholders:</b> 1,000
<b>Simultaneous system users:</b> 8	<b>Access cards:</b> 8,000
<b>Transactions per second:</b> > 30	<b>Cards per person:</b> 12
<b>Plastic enclosure (W x H x D):</b> 12.25 in x 11.1 in x 2.23 in 31.1 cm x 28.2 cm x 5.7 cm	<b>Card formats:</b> 32
<b>Steel enclosure (W x H x D):</b> 17.5 in x 24.25 in x 6.4 in 44.5 cm x 61.6 cm x 16.25 cm	<b>Access levels:</b> 8
	<b>Time specs:</b> 100
	<b>Online transactions:</b> 15,000

**Built to Last**

The Emerge Essential is 100% solid state, so unlike PC-based systems there is little to break or wear out. The hardware has a calculated MTBF of more than ten years - well beyond the life of any hard disk or PC. Even better, the Emerge Essential won't grow old because the system continually receives new feature and product enhancements, available as optional software updates that can be installed with a single command.

**Security and Remote Accessibility/ Recurring Monthly Revenue Opportunity**

Selecting the optional Remote Management Package upgrades the host Emerge system with embedded software code facilitating secure access from a remote client. This add-on code for the Emerge Essential panel works in concert with the optional remote client software, Emerge Navigator, which is typically installed on a server at the dealer/integrator location. This two-part system ensures a secure communication "tunnel" from within the protected network to the corresponding external site.

Like a local web browser, the Remote Management Package allows the Essential to be recognized by a network's firewall as a trusted communication point and is able to communicate bi-directionally with Emerge Navigator without network modifications. This secure tunnel allows authorized remote users to connect to any Emerge system from anywhere. Because of this "inside-out" secure communication method a static public IP address is not needed. The optional Emerge Navigator software provides the interface to manage multiple remote panels, offering dealers an opportunity for recurring remote management revenue.