eMerge e3™ Essential & Elite Series

Not all Access Control Systems are created equal...

Linear's eMerge is clearly Superior.

The eMerge e3 Series™ embedded browser-based network appliances make advanced security technology reliable and affordable for a wide variety of access control applications. With millions of access control systems deployed in the field, and backed by decades of experience, Linear continues to deliver unprecedented value and innovation.

Lowest Total Cost of Ownership (TCO)

Long-term, total cost of ownership of an eMerge e3 system is significantly lower than many similar systems. That's because eMerge takes less time to setup and is easier to manage, expand, and maintain, when compared to traditional access systems.

Robust Hardware, Advanced Software Outshine Other Systems

With eMerge, you get a solid-state system running embedded Linux, paired with an ODBC-compliant MySQL database engine - an efficient architecture that dramatically reduces long-term costs.

Additionally, eMerge gives you these other benefits:

- Rock solid embedded Linux
  - Minimizes virus potential
  - No Microsoft update dependencies
- Independent network, server, and dedicated workstation hardware are not required
- No additional database software licenses to obtain
- No client licenses to load
- No recurring monthly cloud service fees
- Common hardware installation reduces hardware training and inventory cost
- Common software user interface across all models reduces training time
- Open platform allows for cost-effective integration with other technologies

eMerge Essential™

eMerge Elite™

Linear®
Building On Innovation.

eMERGE™

eMerge	Essential™	Essential Plus™	Elite-36™	Elite-64™
Processor	1GHz			
On-board RAM	512MB DDR2 (333MHz)			
Micro SD Storage	4 GB			8 GB
Power	12V-DC			
Operating System	Embedded Linux			
Simultaneous System Users	8		16	
Transactions Per Second	30			
Doors/Portals	1 to 4		36	64
Maximum Readers	8		72	128
Expansion Modules	N/A		8	15
Elevator Control Modules	N/A		Yes	
Maximum Elevators	N/A		4	
Maximum Floors	N/A		36	
Maximum Elevator Groups	N/A		16	
Inputs	Up to 12 / plus 2 digital		126	224
Outputs	Up to 8		72	128
Cardholders	1,000		20,000	
Access Cards	8,000		80,000	
Cards Per Person	12		120	
Card Formats	32			
Access Levels	8		16	
Time Specs (schedules)	100		512	
Time Specs (groups)	10		64	
Time Specs (per group)	8			
Holidays	30		60	
Online Transactions	15,000		30,000	
User Defined Data Fields	5		10	
Threat Levels	N/A		5	
Enclosure Dimensions				
Compact Plastic (W x H x D):	12.25 in x 11.1 in x 2.23 in (31.1 cm x 28.2 cm x 5.7 cm)			
Mid-sized Steel (W x H x D):	17.5 in x 14.25 in x 6.5 in (44.5 cm x 36.2 cm x 16.5 cm)			
Large Steel (W x H x D):	17.5 in x 24 in x 6.5 in (44.5 cm x 61 cm x 16.5 cm)			

Supported Web Browsers

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

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