

# Linear eMerge 50P/5000P

## Overview

The Linear eMerge blends advanced capabilities with ease of configuration and use for small to mid-sized commercial and high end residential applications. eMerge integrates credential-based access control, intrusion detection, and video surveillance for a small to mid-sized facilities. It is part of Linear's access family, proven over hundreds of thousands of operating hours in the field.

eMerge family is a 100% IP-based, solid state, web-based network appliance. Other than terminal connections for access controlled doors and intrusion detection points, an IP network is all of the connectivity the system requires. A common web browser provides all configuration, administrative, and monitoring functions. Solid state design means no moving parts - and a trouble-free, low maintenance ownership experience.



eMerge streamlines access control configuration by automatically locating network connected Network Nodes and MicroNodes on its local subnet, allowing them to be statically or dynamically addressed. Wizards then automatically create access control alarms, access levels, and configuration parameters. By following a few simple steps, eMerge can be brought from first power-up to the first access card read in *about five minutes*.

eMerge is provided in an enclosure that includes the eMerge controller, one Access Control Module, and space for up to three additional modules. Available add-on modules support two full portals (2 readers, 4 inputs, and 4 outputs), eight inputs, eight outputs, or eight temperature points apiece. Installers can mix and match blade types to achieve the required mix for their applications. Further expansion is easily obtained by adding additional nodes or MicroNodes to a limit of 192 readers\*, 512 inputs, and 512 outputs.

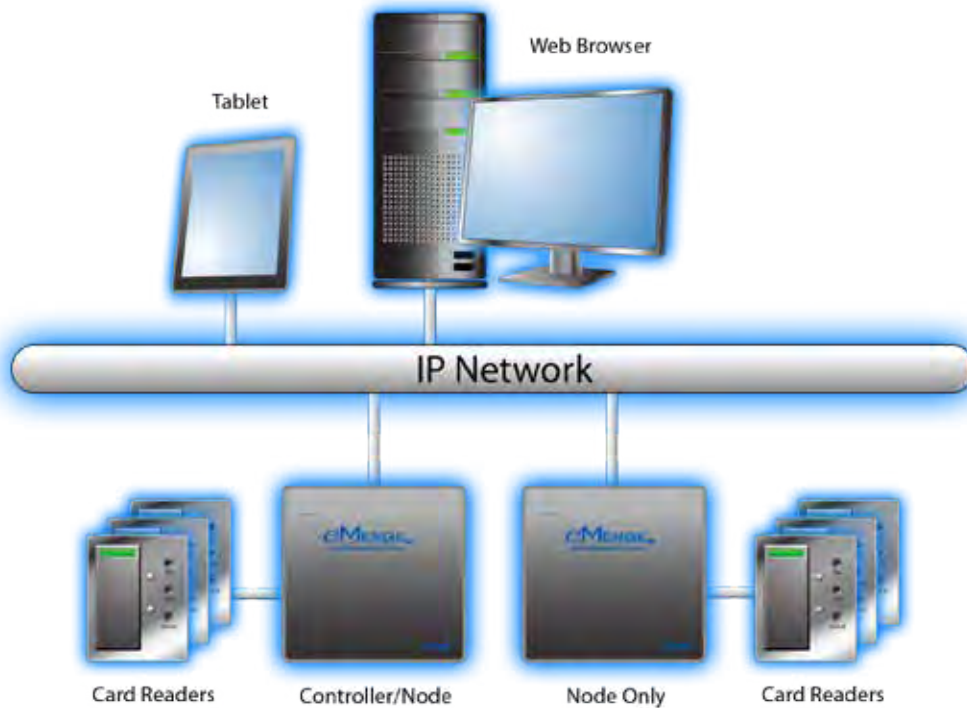
\*See models for varying number of doors.

## Key Features

- 100% Web user interface supports common browsers
- Wizard-driven 5-minute setup from power-up to access card read
- Solid state design for years of trouble-free operation
- Supports proven eMerge Network Nodes and MicroNodes
- Single cabinet design with expansion space for 4 blades
- Supplied external 12VDC power supply
- System "landing page" shows full system status at a glance
- Widget Desktop support for customized monitoring display



*The Landing Page automatically displays upon login, giving instant access to commonly used system commands alongside complete status information and video. Users can run a camera tour or display a multi-camera view right on the landing page.*



Schematic only.  
Not a network diagram.

## Features

	eMerge 50P	eMerge 5000P
Access Control Readers	32	140 *Option 192
Maximum number of cameras	256	256
Maximum number of card holders	5k	20K
Email and SMS	Yes	Yes
NAS back-up	Yes	Yes
Burg Interface (loops)	Yes	Yes
Widget Desktop	Yes	Yes
Custom Reports	No	Yes
User Roles	No	Yes
Threat Levels	No	Yes
Floor Plans	No	Yes
Badging	No	Optional
Video Management System (VMS)	Optional	Optional

## Part Numbers \*

- 230219P eMerge 50P System = 32 Doors
- 230220P eMerge 5000P System = 140 doors with add-on option to 192
- 620-00346 eMerge 52 Additional License Upgrade (Total of 192 Doors) \*Only for 5000P Model
- 620-10034 eMerge 50P Controller Only Replacement (housing & controller package only)
- 0-580100-L eMerge Access Control Blade
- 0-587004 eMerge Expansion Node
- 0-589004 eMerge Expansion Node with Line Power
- 0-580110 eMerge Input Blade
- 230222 eMerge Micronode
- 0-580120 eMerge Output Blade
- 0-580130 eMerge Temperature Monitoring Blade
- 0-580131 eMerge Temperature Monitoring Probe

## Specifications

### System

Online transactions	40,000,000
Available access levels	512
Simultaneous users	5
Readers (per enclosure)	8
Portals (nodes)	32 (16) - *Varies by model
Max inputs/outputs	512/512

### Platform

Storage (internal)	4.0 GB
Processor	Atom N2800
RAM	2.0 GB
OS	Ubuntu Linux 10.04 LTS
NIC (10/100/1000)	1
Certifications / Compliances	FCC
Warranty	1 Year
Dimensions (H, W, D)	13in x 13in x 8.5in
Weight	11lbs (5Kg)
Operation Temperature	32° – 95° F (0° – 35° C)
Storage Temperature	-4° – 158° F (-20° – 70° C)
AC Input	85-260 VAC (Max 49 W)

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