

# Introduction Briefing Model CC-8521BN



## Next Generation Shipboard Access Controller



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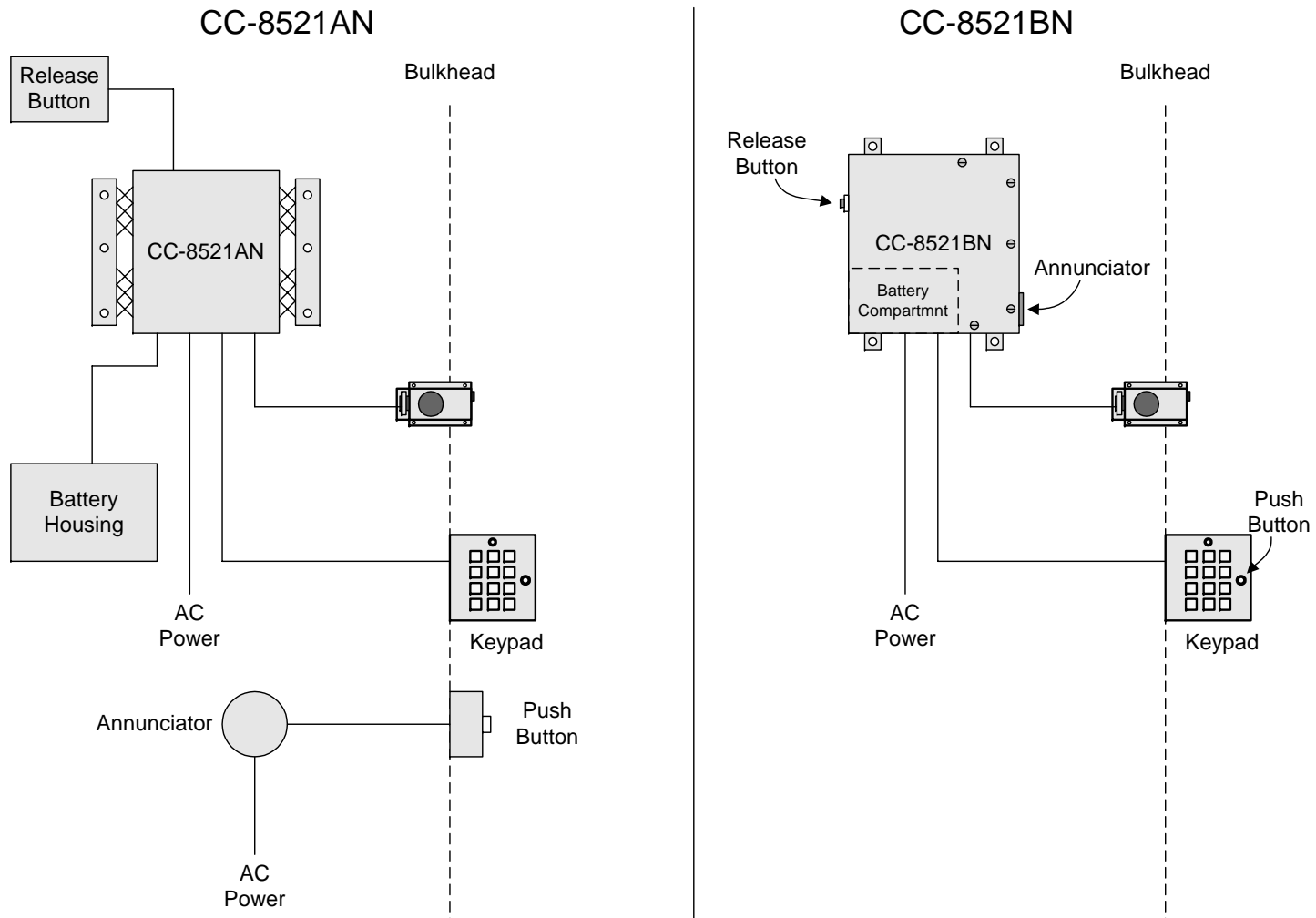
# Overview

- The current Model CC-8521AN Access Controller has been installed on DDG class vessels since 2001. It is a shipboard version of a similar system used in many U.S government buildings.
- The Model CC-8521BN is a next generation unit resulting from experience gained in the shipboard environment and improvements recently incorporated in the land based version.

# Advantages

- Smaller size and less weight
- Simpler installation
  - Fewer external units
  - Fewer external cables
- Reduced costs:
  - Eliminates separate battery enclosure
  - Eliminates separate annunciator/door bell system
  - Eliminates separate release button
  - Reduces installation time and materials
- Will readily accommodate future requirements:
  - Use of U.S. Government Smart Cards for access control
  - Unique PIN for each authorized user
  - Door switch monitoring
  - Event archive and retrieval
  - Alarm output
- Improved protection against power surges and RFI

# Installation Comparison

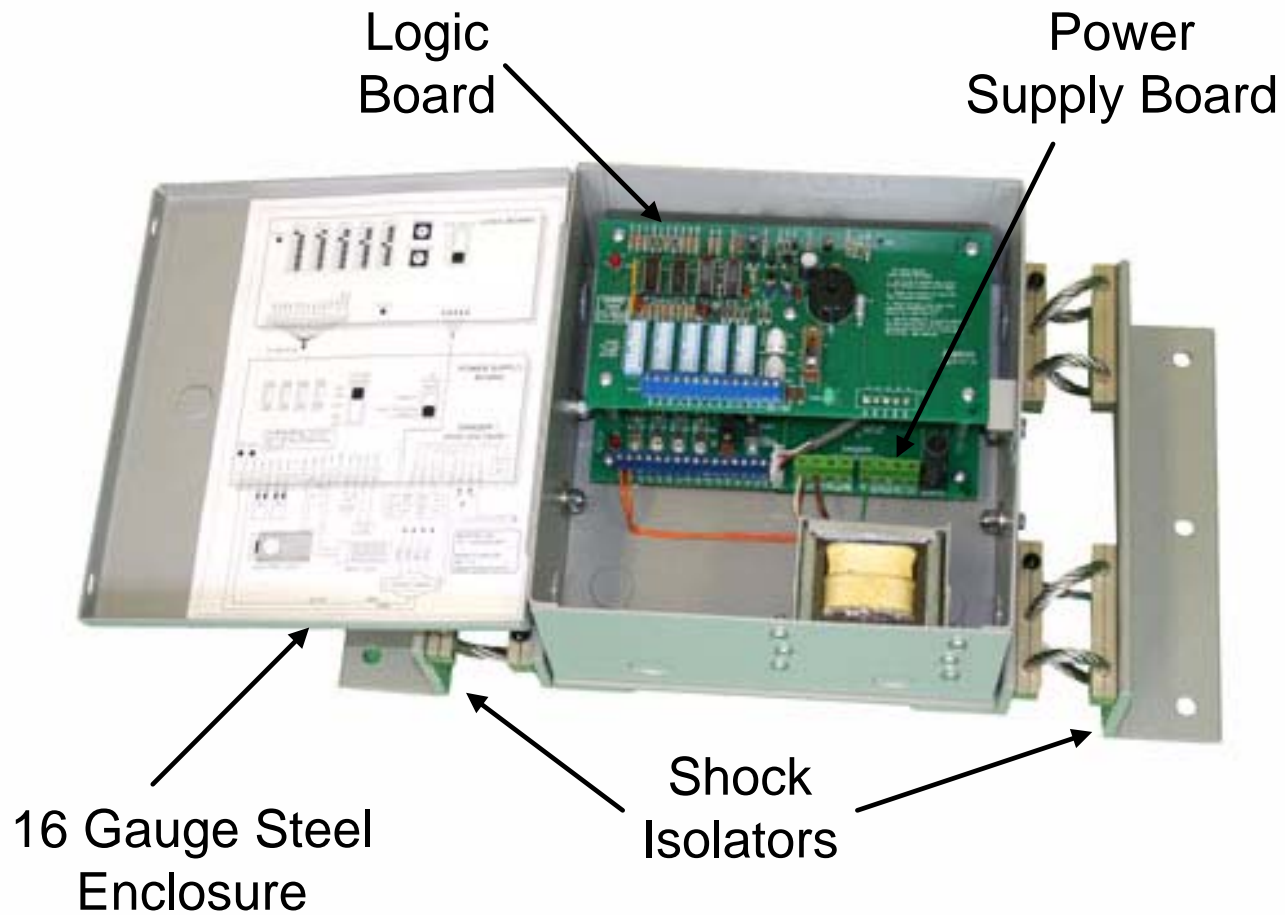


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# Physical Comparison

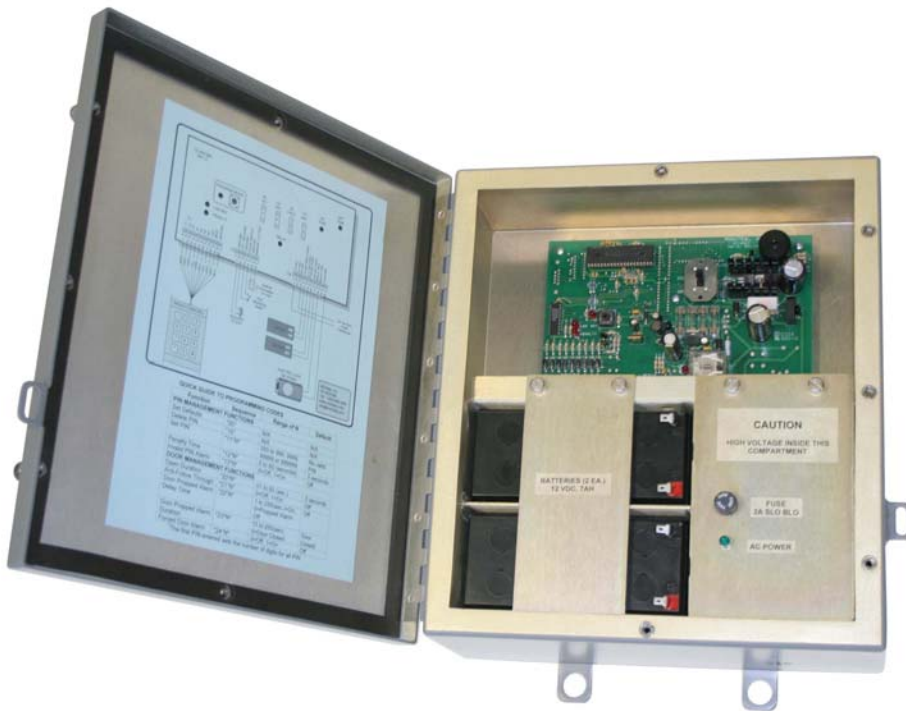
	CC-8521AN	CC-8521BN
Weight	30 lbs w/o batt)	12 lbs (w/o batt)
Footprint	18.6" x 9.5"	12.25" x 13.75"
Depth	6.2"	5.5"
Battery Housing	Separate item	Included
Annunciator	Separate items	Included
Release Button	Separate item	Included
Enclosure	0.06" steel	0.125" alum.

# Model CC-8521AN (Current Product)



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# CC-8521BN (New Product)



- Welded aluminum enclosure
- Includes compartment for standby batteries
- Designed for ridged mounting
- Built-in annunciator/door bell button
- Built-in release button
- Effective RFI gasketing and filtering
- Microcontroller based design
- Single printed circuit card

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# Enclosure

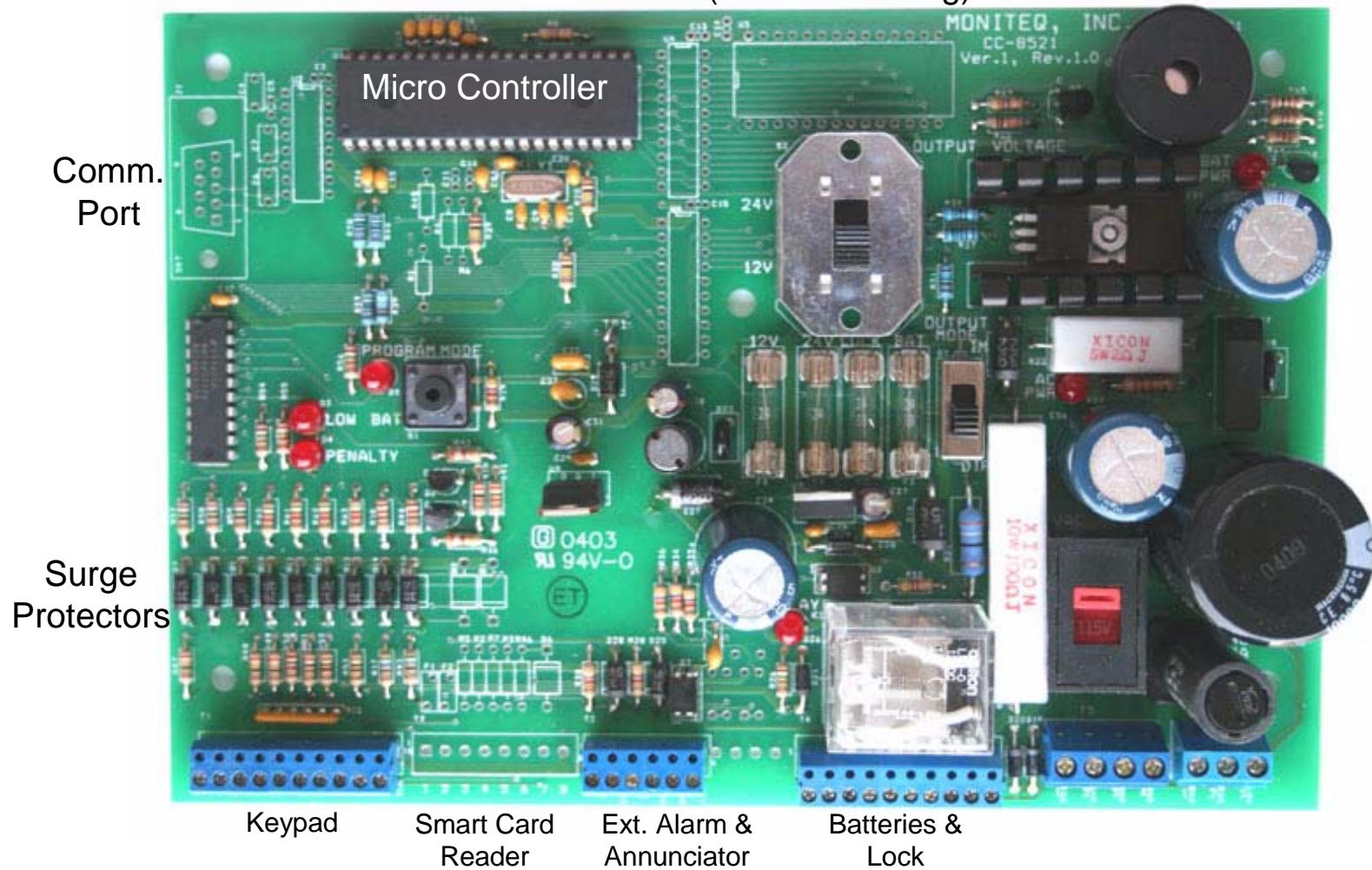


- 1/8" Anodized and Power Coated Aluminum
- RFI Gasketing
- Overall size: 12-1/4"W x 13-3/4"H x 5-12"D
- Weight: 12 lbs w/o batteries, 22 lbs with batteries
- Mounts on four 3/8" studs

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# Single Printed Circuit Board

NVRAM  
(Event Archiving)



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# Summary

- The CC-8521BN offers significant cost, performance, size and weight advantages
- A production prototype is available for demonstration and evaluation.
- Production units can be available by mid-2005