

# **AlarmCAD Classic vs. AlarmCAD Lite Feature Comparison**

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The listing on this page includes only the AlarmCAD Lite commands and features which differ from the AlarmCAD Classic version. All features are available in AlarmCAD Classic. All "grayed out" features are NOT available in AlarmCAD Lite. The notations in **RED** on the right explain the essential differences between AlarmCAD Classic and AlarmCAD Lite.

**File Menu**

- New Drawing
- New Plot Sheet**
- Open...
- Close
- Save
- Save As...
- AutoSave...
- Options...
- Load Settings...
- Save Settings As...
- Merge With Background
- Import AutoCAD DWG via AutoDesk...**
- Export via AutoDesk...**
- Print...
- Print Preview
- Print Window...
- Batch Print...**
- Printer Setup...
- Report Printer Setup...
- Page Setup... >**
- Print Alarm Reports >**
- Licensing...
- Exit

**1. An AlarmCAD Lite limitation in the file menu is no page setup features.**

- \* With AlarmCAD Classic, the user can set up multiple page templates and plot large jobs in a "batch".
- \* With AlarmCAD Lite, the user plots using a simpler "one sheet at a time" method.

**2. AlarmCAD Lite cannot import from and export to AutoCAD files. Under the Settings Menu, however, AlarmCAD Lite can effectively "import" an AutoCAD drawing.**

**3. In AlarmCAD Lite, Reports are not printable as documents using the external "Crystal Reports" application.**

- \* Reports ARE available in in AlarmCAD Lite as drawing objects to be placed in the CAD drawing itself. If users wish to have 8 1/2 x 11 reports they can still produce them with AlarmCAD Lite by creating CAD drawings of that size. (see the reports menu below)

- Print Alarm Reports
- Licensing...
- Address Barcode Worksheet
- Appliance List...
- Battery Calculation...
- Bill of Material (BOM),...
- Cable/Circuit Report...
- Circuit Calculations...
- Circuit Legend...
- Comments...
- Inspection Labor List
- Record of Completion
- Unused Circuit List...
- Wire Path Label Legend...
- Zones..

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**Reports Menu**

- Address Barcode Worksheet
  - Appliance List...
  - Appliances by Circuit...
  - Appliance Detail Sheets...
  - Battery Calculators...
  - Bill of Material (BOM)
  - Cable/circuit Report...
  - Circuit Calculations...
  - Comments...
  - Cut Sheet List...
  - Inspection Labor List...
  - Matrix >
  - Purchase Order (MS Excel format)...
  - T-Tap Count by Circuit...
  - Unused Circuit List...
  - Zones...
  - Appliance Label Legend...
  - Circuit Legend...
  - Symbol Legend...
  - Wire List Legend...
  
  - Wire Path Label Legend,...
  - Create a Sheet List...
  - Create Panel Configuration File...
  - Panel Detail...
  - Riser Detail >
- Operational Matrix...
  - Matrix Dot
  
  - Standard-
  - Simple/Point-to-Point...

**4. AlarmCAD Lite provides the most commonly used and basic reports such as Bill of Materials, Battery Calculations, Circuit Calculations, Symbol Legends and a simple riser generator.**

**\*Some more powerful reports such as the automatic submittal booklet generator and the Standard riser drawing generator are not included in AlarmCAD Lite.**

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**Select Menu**

- All
- All Like Selected
- All Like Selected on Same Layer
- All On Selected Layer(s)
- By Address or UniqueID,...
- By ID...
- By Part Number...
- Every >
- Last
- By Circuit Assignment...
- All Circuit Terminating Devices
- All In Rectangle
- Every In Rectangle
- Crossing Window
- Alt-Window
- Line Crossing
- Rectangular Crossing
- Invert Selection
- Deselect All
- Deselect Every
- Toggle Ctrl Key
- Select With Filter...
- Benchmark
- Protractor
- Ruler
- Address Bar Code Worksheet
- Alarm Component
- Accessory Device
- Aux Panel
- Comm Phone
- EOL Device
- Initiator
- Junction Box
- Module
- Notification Appl.
- Panel
- Power Supply
- Relay Device
- Wire path
- Wire path w/conduit
- Wire path wo/conduit
- Zone
- Low Voltage System Reference
- Matrix Dot
- Ohm Meter
- Wire Path Label

**5. AlarmCAD Classic provides many predefined selection tools making it easy to find specific objects on large, complex drawings.**

**\*AlarmCAD Lite, intended for smaller, less complex drawings includes some but not all of these selection tools.**

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**Tools Menu**

Selection Cursor	Arc
Move Benchmark	Circle
Protractor	Crosshatch
Ruler	Line Segment
Accessory Device	Picture
Aux Panel	Point
Comm Phone	Polyline
EOL Device	Rectangle
Initiator	Revision Cloud
Junction Box	Sketch
Module	Solid
Notification Appl.	Symbol
Ohm Meter	XRef...
Panel	Modeling
Power Supply	Beam
Relay Device	Ceiling Grid
Wire Path	Ceiling Grid Features
Wire Path Label	Column
<b>Zone</b>	Column Line
	Openings
<b>Low Voltage System Ref. - Outgoing</b>	Roof Plane
<b>Low Voltage System Ref. - Incoming...</b>	Slab
<b>Grid of appliances..</b>	Wall
<b>Line of appliances..</b>	
Place Compatible Appliance..	Clipping Planes
Dimension	Link
Leader Line	View
Text Box	
Text Line	

**6. The Zone tool is for easily defining areas of the building as zones and automatically calculating sq. feet and creating hatches. This tool is not available in AlarmCAD Lite.**

**7. The Low Voltage System Reference feature is for linking separate drawings in a large, complex project. This tool is not available in AlarmCAD Lite.**

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**Commands Menu**

- Add Circuit to Wirepath..
- Cleanup—
- Connect Appliances to Circuit..
- Connect Appliances with Wirepaths-
- Disconnect Appliances from Circuits
- Search for Wiring Opens...
- PlaceEOL's at Circuit Ends...
- Place Junction Boxes at Wirepath Intersections...
- Place Wire path Labels
- Update current circuits with Design Standards...
- Update Low Voltage System Reference
- Update Low Voltage Sys Ref Connected Drawings.,
- Update Wire path Labels
- Resequence by Selected Appliances...
- Resequence by Circuits...
- Convert Lines
- Convert Symbols
- Connect unconnected wire paths to nearest appl
- Change Panel...
- Internal Panel Connections...
  
- Set Appliance Text..
- Set Circuit Names..
- Set Device Custom Label...
- Set User Label...
- Set User Label to Detail Sheet Name...
- Show Appliance Coverage—
  
- Assign Heights to Columns
- Automatic Roof Planes
- Calculate Slab Dimensions...
- Center Ceiling Grid Between Walls
- Elevate Elements to Roof Planes...
- Rotate Beams to Roof Planes
- Stretch Columns to Roof Plane

**8. Some of the more powerful commands, such as converting symbols (blocks) into intelligent AlarmCAD objects, etc. are not available in AlarmCAD Lite.**

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**AutoPRICER LV Menu**

- Load Project into Parts Tree...
- Reconcile an Estimate.
- CreateProject...
- Launch application

**9. AutoPRICER LV is a separately sold pricing program. The interface to AutoPRICER LV is not included in AlarmCAD Lite.**

**Parts Database Menu**

- Add New Item
- Modify Existing Item
- Add New Manufacturer/Product Line...
- Modify Existing Manufacturer/Product Line...
- Amend Item Costs..
- AmendItem Visibility..
- Amend Circuit Types and Subtypes...
- Assign Appliance Detail Sheets...
- Define Calculation Methods
- Define Circuit Data Cast Keys..
- Define Appliance / Ease Compatibility Groups..
- Define Appliance / Card Compatibility Groups...
- Define Rase / Card Compatibility Groups..
- Map Circuit Pass Through Groups...
- Categorize Items Imported as 'New Items'
- Clone Selection In Database..
- Modify Selection In Data ba se..
- View Parts List—
- Import a manufacturer's catalog...

**10. AlarmCAD Lite does not include some of the more powerful database editing features but those needed for creating and modifying user-defined parts are included.**

Database Utilities >

- Change Parts Database Location...
- Compact and Repair Database
- Define Item Mapping...
- Import Updated Detail Sheet Information...
- Import Updated Pricing Information...
- Update Appliances with current definition
- Password Protect Database..

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**View Menu**

- Camera
- Rendering
- Walkthrough
- Register Bitmap Background
- Show Invalid Connections
- Show Page Breaks
- Area Calculator
- Calculator
- Ohms Law Calculator
- 120 Voltage Drop Calculator
- Status Bar
- Tool Bars >
- Refresh
- Refresh Elements
- Actions
- Alarm Tools
- Alarm Circuit
- Camera
- Camera Rotator
- Clipping Slider
- Dynamic Camera
- Input
- Main
- Parts Tree >
- Printing
- Product Line
- Render
- Select
- Selection Rotator
- Snaps
- Text Rotator
- Tools
- View Rotator
- Walkthrough

**11. These tools are not included in AlarmCAD Lite.**

Details  
 Layers  
 Symbols  
 System Layout

**12. The System Layout tab provides a "tree view" of large, complex systems, making specific components easy to find and zoom to. This feature is not included in AlarmCAD Lite.**

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File Menu	Select Menu
New Drawing	All
<b>New Plot Sheet</b>	All Like Selected
Open...	All Like Selected on Same Layer
Close	All On Selected Layer(s)
Save	By Address or UnigueID...
Save As...	By ID...
AutoSave...	By Part Number...
Options...	Every >
Load Settings...	Last
Save Settings As...	By Circuit Assignment...
Merge With Background	All Circuit Terminating Devices
Import AutoCAD DWG via AutoDesk...	All In Rectangle
Export via AutoDesk...	Every In Rectangle
Print...	Crossing Window
Print Preview	Alt-Window
Print Window...	Line Crossing
<b>Batch Print...</b>	Rectangular Crossing
Printer Setup...	Invert Selection
Report Printer Setup...	Deselect All
Page Setup... >	Deselect Every
Print Alarm Reports >	Toggle Ctrl Key
Licensing...	Select With Filter...
Exit	
	Benchmark
Print Alarm Reports >	Protractor
Licensing...	Ruler
Address Barcode Worksheet	Address Bar Code Worksheet
Appliance List...	Alarm Component
Battery Calculation...	Accessory Device
Bill of Material (BOM)...	Aux Panel
Cable/Circuit Report...	Comm Phone
Circuit Calculations...	EOL Device
Circuit Legend...	Initiator
Comments...	Junction Box
Inspection Labor List	Module
Record of Completion	Notification Appl.
Unused Circuit List...	Panel
Wire Path Label Legend...	Power Supply
Zones...	Relay Device
	Wire path
	Wire path w/conduit
	Wire path wo/conduit
	Zone
	Low Voltage System Reference
	Matrix Dot
	Ohm Meter
	Wire Path Label
	Dimension
	Leader Line
	Text Box
	Text Line
	Text Table
	Arc
	Attribute
	Crosshatch
	Cylinder
	DWG Dimension
	Ellipse
	Line Segment
	Picture
	Point
	Polyline
	Revision Cloud
	Solid
	Symbol
	Triangle
	Beam >
	Ceiling Grid
	Column
	Column Line
	Roof Plane
	Wall
	Clip Plane
	Group
	View
<b>Edit Menu</b>	
Undo	
Redo	
Undo List...	
Redo List...	
Cut	
Copy	
Paste	
Delete	
Delete All	
Copy Bitmap	
Copy Element Bitmap	
Paste Bitmap	
Find & Replace..	

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<p><b>Snaps Menu</b></p> <ul style="list-style-type: none"> <li>Z Lock</li> <li>Alter Benchmark Elevation/Rotation</li> <li>Rounding</li> <li>Visible Grid</li> <li>Auto Benchmark</li> <li>Visible Benchmark</li> <li>Orthographic</li> <li>Center Point</li> <li>End Points</li> <li>Perpendicular All</li> <li>Perpendicular</li> <li>Intersections All</li> <li>Intersections</li> <li>Nearest Point</li> <li>Tangent</li> <li>Special Element</li> <li>Snap Into Symbols</li> <li>Enable Element Snaps</li> <li>Enable AutoCAD Element Snaps</li> </ul>	<p><b>Reports Menu</b></p> <ul style="list-style-type: none"> <li>Address Barcode Worksheet</li> <li>Appliance List...</li> <li>Appliances by Circuit...</li> <li>Appliance Detail Sheets...</li> <li>Battery Calculators...</li> <li>Bill of Material (BOM)</li> <li>Cable/circuit Report...</li> <li>Circuit Calculations...</li> <li>Comments...</li> <li>Cut Sheet List...</li> <li>Inspection Labor List...</li> <li>Matrix &gt; Operational Matrix...</li> <li>Purchase Order (MS Excel format)... Matrix Dot</li> <li>T-Tap Count by Circuit...</li> <li>Unused Circuit List...</li> <li>Zones...</li> <li>Appliance Label Legend...</li> <li>Circuit Legend...</li> <li>Symbol Legend...</li> <li>Wire List Legend...</li> </ul>
<p><b>Tools Menu</b></p> <ul style="list-style-type: none"> <li>Selection Cursor</li> <li>Move Benchmark</li> <li>Protractor</li> <li>Ruler</li> <li>Accessory Device</li> <li>Aux Panel</li> <li>Comm Phone</li> <li>EOL Device</li> <li>Initiator</li> <li>Junction Box</li> <li>Module</li> <li>Notification Appl.</li> <li>Ohm Meter</li> <li>Panel</li> <li>Power Supply</li> <li>Relay Device</li> <li>Wire Path</li> <li>Wire Path Label</li> <li>Zone</li> <li>Low Voltage System Ref. - Outgoing</li> <li>Low Voltage System Ref. - Incoming...</li> <li>Grid of appliances..</li> <li>Line of appliances..</li> <li>Place Compatible Appliance..</li> <li>Dimension</li> <li>Leader Line</li> <li>Text Box</li> <li>Text Line</li> </ul>	<ul style="list-style-type: none"> <li>Arc</li> <li>Circle</li> <li>Crosshatch</li> <li>Line Segment</li> <li>Picture</li> <li>Point</li> <li>Polyline</li> <li>Rectangle</li> <li>Revision Cloud</li> <li>Sketch</li> <li>Solid</li> <li>Symbol</li> <li>XRef...</li> <li>Modeling</li> <li>Beam</li> <li>Ceiling Grid</li> <li>Ceiling Grid Features</li> <li>Column</li> <li>Column Line</li> <li>Openings</li> <li>Roof Plane</li> <li>Slab</li> <li>Wall</li> <li>Clipping Planes</li> <li>Link</li> <li>View</li> </ul> <p><b>Actions Menu</b></p> <ul style="list-style-type: none"> <li>Hide Layers of Elements</li> <li>Match &gt; Properties</li> <li>Bind XRef Symbols... Color</li> <li>Create Symbol... Elevation</li> <li>Group Layer</li> <li>Split Line Type</li> <li>Array... Line Weight</li> <li>Cleanup Intersections</li> <li>Mirror...</li> <li>Offset Move/Copy...</li> <li>Rotate...</li> <li>Round</li> <li>Scale...</li> <li>Stretch Lines...</li> <li>Trim/Extend</li> <li>Cleanup Text...</li> <li>Copy/Flatten Text</li> <li>Flatten</li> <li>Flatten Dimensioning</li> <li>Set Text Angle</li> <li>Spell Check the Drawing</li> </ul>

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<p><b>Commands Menu</b></p> <ul style="list-style-type: none"> <li>Add Circuit to Wirepath...</li> <li>Cleanup—</li> <li>Connect Appliances to Circuit..</li> <li>Connect Appliances with Wirepaths-</li> <li>Disconnect Appliances from Circuits</li> <li>Search for Wiring Opens...</li> <li>PlaceEOL's at Circuit Ends...</li> <li>Place Junction Boxes at Wirepath Intersections...</li> <li>Place Wire path Labels</li> <li>Update current circuits with Design Standards...</li> <li>Update Low Voltage System Reference</li> <li>Update Low Voltage Sys Ref Connected Drawings,</li> <li>Update Wire path Labels</li> <li>Resequence by Selected Appliances...</li> <li>Resequence by Circuits...</li> <li>Convert Lines</li> <li>Convert Symbols</li> <li>Connect unconnected wire paths to nearest appl</li> <li>Change Panel...</li> <li>Internal Panel Connections...</li> <li>Set Appliance Text..</li> <li>Set Circuit Names..</li> <li>Set Device Custom Label...</li> <li>Set User Label...</li> <li>Set User Label to Detail Sheet Name...</li> <li>Show Appliance Coverage—</li> <li>Assign Heights to Columns</li> <li>Automatic Roof Planes</li> <li>Calculate Slab Dimensions...</li> <li>Center Ceiling Grid Between Walls</li> <li>Elevate Elements to Roof Planes...</li> <li>Rotate Beams to Roof Planes</li> <li>Stretch Columns to Roof Plane</li> </ul>	<p><b>AutoPRICER LV Menu</b></p> <ul style="list-style-type: none"> <li>Load Project into Parts Tree...</li> <li>Reconcile an Estimate.</li> <li>CreateProject...</li> <li>Launch application</li> </ul> <p><b>Parts Database Menu</b></p> <ul style="list-style-type: none"> <li>Add New Item</li> <li>Modify Existing Item</li> <li>Add New Manufacturer/Product Line...</li> <li>Modify Existing Manufacturer/Product Line...</li> <li>Amend Item Costs..</li> <li>AmendItem Visibility...</li> <li>Amend Circuit Types and Subtypes...</li> <li>Assign Appliance Detail Sheets...</li> <li>Define Calculation Methods</li> <li>Define Circuit Data Cast Keys..</li> <li>Define Appliance / Ease Compatibility Groups..</li> <li>Define Appliance / Card Compatibility Groups...</li> <li>Define Rase / Card Compatibility Groups..</li> <li>Map Circuit Pass Through Groups...</li> <li>Categorize Items Imported as "New Items"</li> <li>Clone Selection In Database..</li> <li>Modify Selection In Data ba se..</li> <li>View Parts List—</li> <li>Import a manufacturer's catalog...</li> </ul> <p>Database Utilities &gt; Change Parts Database Location...</p> <ul style="list-style-type: none"> <li>Compact and Repair Database</li> <li>Define Item Mapping...</li> <li>Import Updated Detail Sheet Information...</li> <li>Import Updated Pricing Information...</li> <li>Update Appliances with current definition</li> <li>Password Protect Database..</li> </ul>
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<p><b>Settings Menu</b></p> <ul style="list-style-type: none"> <li>Design Standards...</li> <li>Drawing...</li> <li>Format..</li> <li>Job..</li> <li>Record of Completion...</li> <li>Render...</li>   <li>Default Properties &gt;</li> <li>Get Defaults From Selection</li> <li>Get Defaults From Target</li> <li>Set Properties From Defaults</li> <li>Common Properties...</li> <li>Filtered Properties..</li> <li>Properties...</li> <li>Save Settings</li> <li>Automatically Save Settings</li> <li>Spell Checking Options—</li>   <li>All Elements..</li> <li>Common To All_</li> <li>Filter Elements...</li> <li>Benchmark</li> <li>Protractor</li> <li>Ruler</li> <li>Accessory Device</li> <li>Address Bar Code Worksheet</li> <li>Aux Panel</li> <li>Comm Phone</li> <li>EOL Device</li> <li>Initiator</li> <li>Junction Box</li>   <li>Module</li> <li>Notification Appl.</li> <li>Panel</li> <li>Power Supply</li> <li>Relay Device</li> <li>Software Zone</li> <li>Wire path</li>   <li>Low Voltage System Reference</li> <li>Matrix Dot</li> <li>Ohm Meter</li> <li>Wire path label</li> <li>Dimension</li> <li>Leader Line</li> <li>Text Box</li> <li>Text Line</li> <li>Text Table</li> <li>Arc</li> <li>Crosshatch</li> <li>Cylinder</li> <li>Ellipse</li> <li>Line Segment</li> <li>Picture</li> <li>Point</li> <li>Polyline</li> <li>Solid</li> <li>Symbol</li> <li>Triangle</li>   <li>Ream</li> <li>Ceiling Grid</li> <li>Ceiling Grid Features</li> <li>Column</li> <li>Column Line</li> <li>Openings</li> <li>Roof Plane</li> <li>Slab</li> <li>Wall</li> <li>Clip Plane</li> <li>Group</li> <li>View</li> </ul>	<p><b>View Menu</b></p> <ul style="list-style-type: none"> <li>Camera</li> <li>Rendering</li> <li>Walkthrough</li> <li>Register Bitmap Background</li> <li>Show Invalid Connections</li> <li>Show Page Breaks</li> <li>Area Calculator</li> <li>Calculator</li> <li>Ohms Law Calculator</li> <li>120 Voltage Drop Calculator</li> <li>Status Bar</li> <li>Tool Bars &gt;</li> <li>Refresh</li> <li>Refresh Elements</li>   <li>Actions</li> <li>Alarm Tools</li> <li>Alarm Circuit</li> <li>Camera</li> <li>Camera Rotator</li> <li>Clipping Slider</li> <li>Dynamic Camera</li> <li>Input</li> <li>Main</li>   <li>Parts Tree &gt;</li>   <li>Printing</li> <li>Product Line</li> <li>Render</li> <li>Select</li> <li>Selection Rotator</li> <li>Snaps</li> <li>Text Rotator</li> <li>Tools</li> <li>View Rotator</li> <li>Walkthrough</li> </ul>
	<p><b>Window Menu</b></p> <ul style="list-style-type: none"> <li>New Window</li> <li>Cascade</li> <li>Tile</li> <li>Arrange Icons</li> <li>Clean House...</li> <li>Device Capabilities...</li> </ul>
	<p><b>Help Menu</b></p> <ul style="list-style-type: none"> <li>Help...</li> <li>Support-</li> <li>Tip of the Day...</li> <li>Getting Started Guide...</li> <li>Getting Started Guide...</li> <li>About AlarmCAD</li> </ul>