APPENDIX E

# STRATM Cabinet Dimensions

This appendix illustrates the space requirements for various system configurations in the STRATM cabinet and a typical cable management setup. It also contains a table with the height of StrataCom components in inches, centimeters, and rack-mount units (RMUs). This can help in the calculation of height requirements for individual system configurations. The last illustration shows the bracket installation in the STRATM (for a BPX, in this case). The sequence of sections is as follows:

- STRATM Cabinet
- Cable Management
- Examples of System Configurations
- Table of Component Heights

**Figure E-1 Back View of STRATM Cabinet**

**Figure E-2 Cable Management**

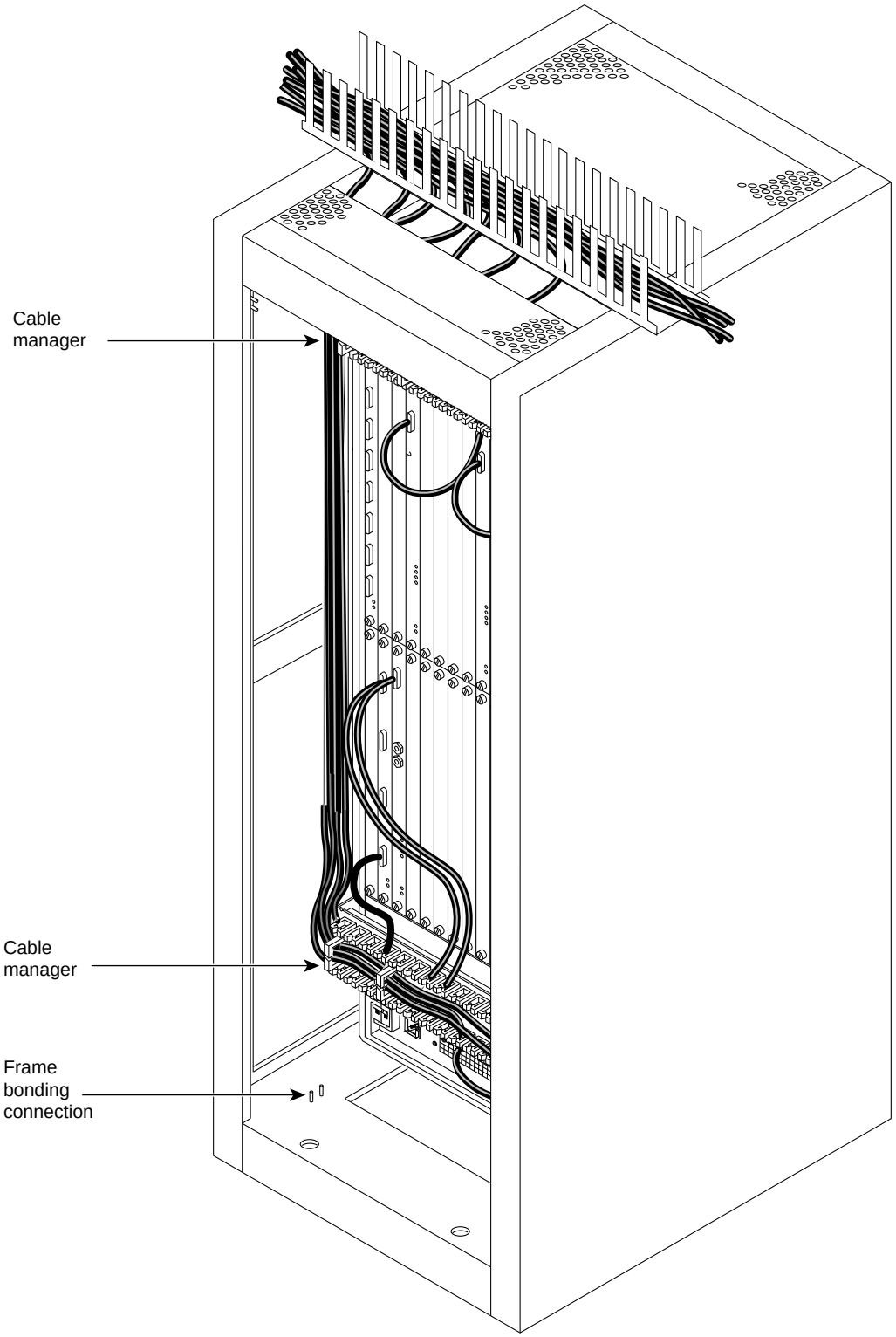
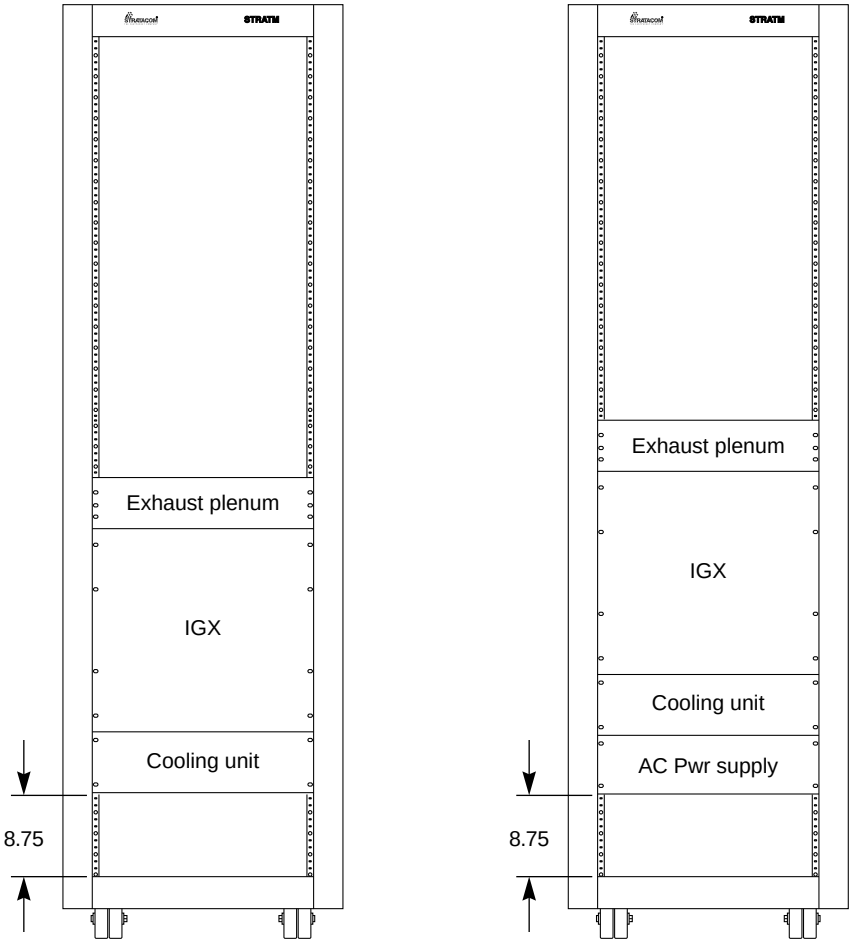


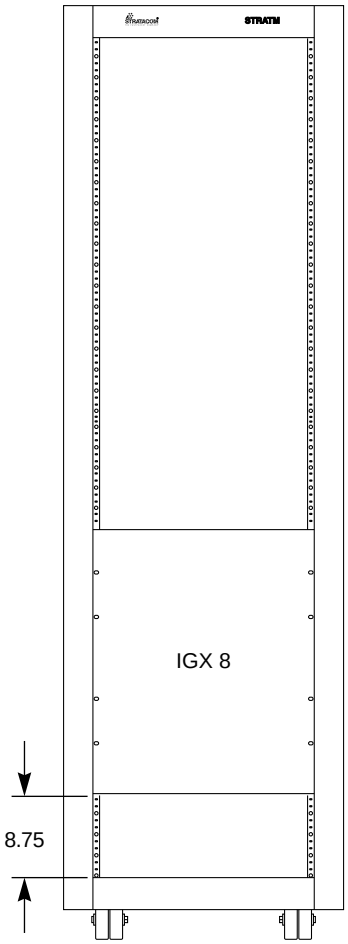
**Figure E-3 IGX 32, AC and DC-Powered**

**Figure E-4 IGX 16, DC-Powered and AC-Powered**




IGX 16 DC IGX 16 AC

**Figure E-5 IGX 8, AC or DC-Powered**



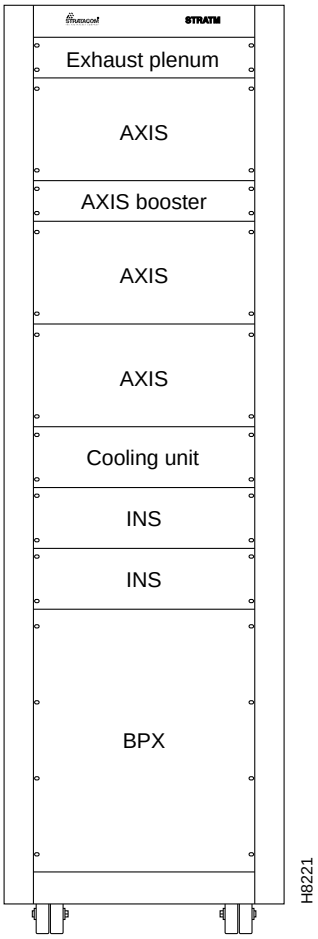

IGX 8 AC or DC

**Figure E-6 Single BPX, AC and DC-Powered**

**Figure E-7 Single BPX and Single AXIS, AC and DC-Powered**

**Figure E-8 BPX, AXIS, and INS, AC and DC-Powered**

**Figure E-9 BPX With 2 INS and 3 AXIS, DC-Powered**




BPX, INS (2),
AXIS (3) DC

**Figure E-10 Six AXIS Shelves, DC-Powered**

**Figure E-11 BPX With Three AXIS Shelves, DC-Powered**

**Table E-1 Table of STRATM Cabinet and Component Heights**

| | Unit Height | | |
|---|---|---|---|
| **Components** | **Inches** | **CM.** | **RMUs** |
| AXIS Card Cage | 8.75 | 22.225 | 5 |
| AXIS AC Power Supply shelf | 5.25 | 13.335 | 3 |
| AXIS Booster Fan Assembly | 3.5 | 8.89 | 2 |
| AXIS Cooling Assembly | 5.25 | 13.335 | 3 |
| AXIS Exhaust Plenum | 3.5 | 8.89 | 2 |
| BPX AC Power Supply shelf | 5.25 | 13.335 | 3 |
| BPX Card Cage | 22.75 | 57.785 | 13 |

| | Unit Height | | |
|---|---|---|---|
| **Components** | **Inches** | **CM.** | **RMUs** |
| IGX AC Power Supply shelf | 5.25 | 13.335 | 3 |
| IGX Booster Fan Assembly | 3.5 | 8.89 | 2 |
| IGX Card Cage | 17.5 | 44.45 | 10 |
| IGX Cooling Assembly | 5.25 | 13.335 | 3 |
| IGX Exhaust Plenum | 3.5 | 8.89 | 2 |
| IGX-8 | 24.5 | 62.23 | 14 |
| INS | 5.5 | 13.97 | 4 |
| | **Unit Height** | | |
| **Cabinet** | **Inches** | **CM.** | **RMUs** |
| Stratm Cabinet | 71.75 | 1822.45 | 41 |

**Figure E-12 Mounting Brackets (AC-Powered BPX)**

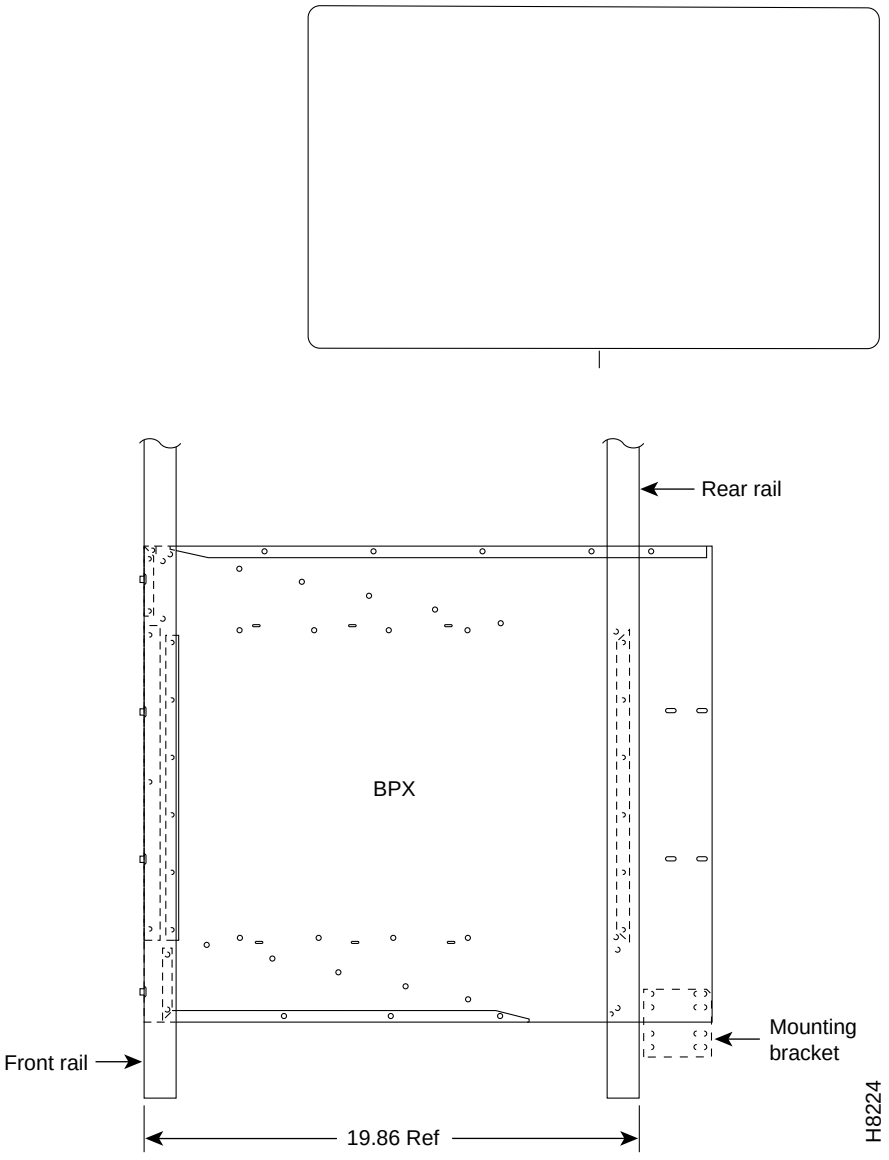


**Figure E-13 Mounting Brackets (DC-Powered BPX)**