

Avenue Frames

3RU Frame

The 3RU frame is a full-featured chassis that accommodates any ten Avenue modules. Modules plug into a universal motherboard so that rear modules are not needed. In addition to the ten module slots, there is a dedicated slot for the optional 5030 System Control module. One universal power supply comes with each frame. Redundant supply is optional and does not take up a slot in the frame. Touch Screen front door or plain front door are available. Plastic overlays for each module type are provided and slip over the corresponding BNCs on the backplane to identify the input and output designations on each type of module. In addition to the ten audio and video modules, the optional 5030 System Control Module adds a variety of control capabilities. Please refer to System Control Overview for more information.

Features

- Use with 3 Gb/s, HD, SD, MPEG and Audio modules
- Universal backplane
- Optional System Control module provides AveNet, ethernet and serial interface
- Network all frames together for streamlined control
- Mix ethernet and AveNet for simplified network topology
- SNMP monitoring and control

*Avenue 3RU Frame
with Touch Screen*



*Avenue 3RU Frame
with plain door*



5020 Power Supply

Each Avenue 3RU frame comes with one 5020 Power Supply module installed. An optional redundant power supply is available if desired to provide backup. Power is provided to all modules in the frame, the front door fan and optional Touch Screen Panel.

A fan in the front door of each 3RU frame provides the necessary cooling for the frame. The fan is temperature-sensitive and adjusts its speed accordingly. Should the fan fail, a red LED will light on the front panel. If using a remote control option, an alarm can be set to alert the user of fan failure. All critical components such as fuses, filter and fan are accessible from the front of the unit.

Frame Specifications

The Avenue 3RU (5.25 inches) frame fits in a standard 19-inch rack. Any number of frames may be stacked together in any combination.

Avenue 3RU Frame Dimensions and Architecture

Frame Dimensions:	Height	Width	Depth	Weight (no modules)
3RU	5.25"/133.4 mm	19"/482.6 mm	15.1"/383.6 mm	26.5 lbs/12.1 kg

Frame Part Number: 3RUFPM, Touch Screen Door Part Number: 5050, Plain Front Door Part Number: 5040
 Power required: 150 watt maximum
 Front door projects 0.875"/23 mm. Allow minimum additional depth of 2.5"/65 mm for cabling

