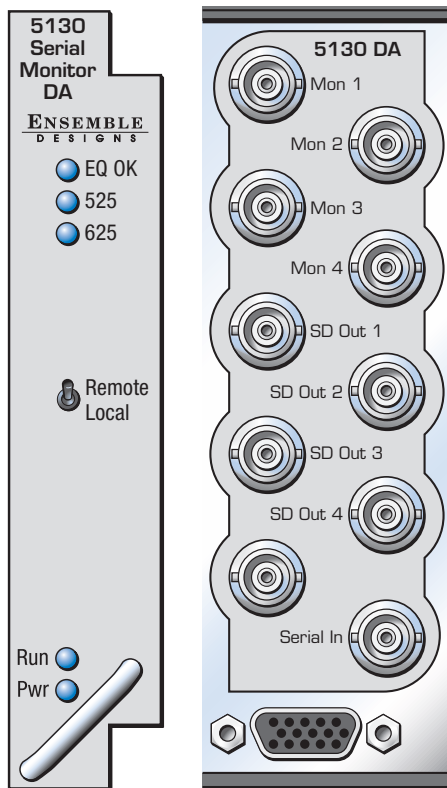# 5130
Reclocking Serial DA with Composite Monitor Outputs

Excellent for applications that need video distribution and signal monitoring, the 5130 module is both a serial digital DA and a digital-to-analog converter. The module has one serial digital input with four reclocked serial digital outputs and four composite monitor outputs.

Module status can be monitored through the Avenue Control Panels, Avenue PC and the LEDs located on the front edge of the module.

Features

- **Both a DA and a converter**
- **Four serial digital outputs**
- **Four composite monitor outputs**
- **Reclocking and jitter reduction**
- **Front panel indicators and remote monitoring**
- **525 and 625 operation**
- **Excellent for facilities transitioning to digital**
- **Passes embedded audio and all ancillary data**

Input Signal

Number	One
Signal Type	Serial Digital SMPTE 259M
Impedance	75 Ω
Return Loss	>15 dB DC to 270 MHz
Max Cable Length	300 meters Belden 1694A

Serial Output Signal

Number	Four
Signal Type	Serial Digital SMPTE 259M
	10 bit
Impedance	75 Ω
Return Loss	>15 dB DC to 270 MHz
Output DC	None (AC coupled)
Setup	User selectable

Composite Monitor Output

Number	Four
Signal Type	NTSC/PAL
Impedance	75 Ω
Return Loss	>40 dB
Output DC	<±200 mV
Response	±0.25 dB, 10 kHz to 5.0 MHz
K Factors	<1.5%
Quantization	9 bits

General Specifications

Power Consumption	<5.0 watts
Temperature Range	0 to 40°C ambient (all specs met)
Relative Humidity	0 to 95%, noncondensing
Altitude	0 to 10,000 ft