

Model 321 Simplex DS1/E1 Monitor

The model 321 is a switch matrix that can route any of sixteen inputs to sixteen outputs. The 321 is a Full Fan Out architecture, any input can be routed to any or multiple outputs. This unit is configured for simplex mode only and is intended for monitoring use. The unit features a front mounted "hot swappable" power supply module.

The 321 is a stackable unit, allowing the user to add more inputs and outputs by using additional 321s and stacking cables. For example, two 321s would form a 32 input by 32 output system. This can continue up to eight 321s, forming a 128 input by 128 output system. Adding more 321s (beyond eight) adds outputs only. The stacked units function as one integrated system. When using two or more 321s, the power supply modules and controllers operate in redundancy mode, further increasing "up time".

The unit's front panel display permits local users to view and change routings, as well as checking the health and status of the chassis. A local lockout command inhibits front panel access. All functions and status are also accessible through the remote interfaces. A simple ACSII literal based command set allows quick and easy remote control of the unit.

Electrical

Frequency Range	DS1 (T1) or E1 User Selectable
Signal Types	Per G.733, G.722, G.703
Impedance	75 or 120 ohms User Selectable
Signal Wiring	Balanced or Unbalanced User Selectable
Primary Power	115/230VAC, 50/60Hz, 75 watts
Remote Interfaces	RS-574 (DTE) RS-485 (two wire) 10/100BaseT (RJ45)

Mechanical

Chassis Size	2U (3.5")H x 19"W x 20"D
Signal Connectors	BNC Female

Environmental

Operating Temperature	0 to +50 C
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Configuration/Ordering Information

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