

# Spider Appliance Specification



ITEM	Description
Model Number:	3100 Series
Main System:	CPU: 300 MHz running @ 66 MHz (front) Memory: 128 Mb SDRAM SODIMM Program Memory: 128 Mb Flash DD Ethernet: 10Mbps (Ethernet), 100Mbps (Fast Eth)
Power Supply:	Power 50 Watts Input: 90 – 264 Volts , 47 – 63 Hz Output: 5 Amps @+ 5 VDC (+/-5%), 2.0 Amps @ +12 VDC Connector: 5 Pin DIN 180 deg M type Switch: Momentary power switch Power Indicator Green LED
I/O Connectors:	Serial Ports: 4 Buffered ports at 115.2k baud max Supports RS485 or RS440 on serial 3&4 USB: 3 Full featured "Powered" USB ports Ethernet: 2 RJ45 @ 100 Mbps Connector CRT 1 DB15 Pin Connector Mouse/KB: 1 6-Pin Ring
Analog I/O: (Optional)	Input voltage range Single Mode +/- 10 volts Input common-mode Differential mode -10volts min / +20volts max Input current +10 / -10 volts @ +70 uA / -90 uA No. of Channels 8 single-ended / 4 differential, software selectable Thru put 250 samples per second Output Range 0 – 4.096 V, 1 mV per LSB. Output Channels 2 Thru put 250 S/s single channel
Digital I/O: (Optional)	Input Hi voltage 2.0 V min, 5.5 V absolute max Input Lo voltage 0.8 V max, -0.5 V absolute min No. of Channels 16, with 2 banks of 8 each Output drive 15 mA each D/A out
Wireless Capability: (Optional)	1 Watt, 900MHz range is 3000 feet AES Encryption broadcasting 256 bit Interface data rate range 10-230,400 bps RF data rate max 120,000 bps Certification FCC Part 15.247
Dimensions:	Length 6.14" (156) Width 7.13" (181) Height 2.22" (56.5)
Humidity:	Operating: 20% to 80% Non-Operating: 5% to 95%
Operating Temperature:	32 deg. To 140 deg F
LED Lighting:	GREEN: Power On YELLOW: Communication, IDE, Activity