

## SAS-118DPC44-08

This high gain broad band reflector antenna and El/Az positioner is ideal for military and security signal surveillance applications. These are extremely durable antennas that can be deployed many times by military troops in harsh environments. The positioner and antenna polarization switching can be remotely controlled through RS-232, RS-485, or Ethernet connections on the controller. Systems are available in OD Green, Desert Tan and White. Supplied with collapsible reflector and storage cases. Shown with optional tripod.



### SPECIFICATIONS:

<b>Frequency</b>	1 GHz to 18 GHz
<b>Polarization (switching)</b>	Horizontal and Vertical or RHCP and LHCP
<b>Antenna Gain</b>	15 dBi to 38 dBi
<b>Amplifier Gain, NF</b>	30 dB min Gain; 2.4 dB N.F. Redundant 3 for 2 configuration
<b>Impedance</b>	50 Ohms
<b>VSWR</b>	3.0:1 max
<b>Beamwidth (3 dB)</b>	20 deg to 1.5 deg
<b>Operating Temperature</b>	-10° to +50°C
<b>Storage Temperature</b>	-47° to +85°C
<b>Range of Motion</b>	Azimuth: +/- 200 deg Elevation: -20 to +90 deg
<b>Antenna Connectors</b>	Two N-type Female
<b>Dimensions</b>	48" diameter reflector on 24" tall positioner
<b>Mounting</b>	3" dia mast standard
<b>Weight</b>	Antenna-20 lbs; positioner-130 lbs; controller-15lbs; power supply-30 lbs