

# ELK SERIES HIGH PERFORMANCE WI-FI KITS

*Extend the Reach of Your Wireless Network*

SPECIFICATIONS				
<b>Part Number:</b>	<b>ELK-3500-PW1</b>	<b>ELK-3500-PW2</b>	<b>Part Number</b>	<b>ELK-1650-FP14</b>
<b>Wireless Access Point (WAP)</b>	802.11g Access Point / Client Bridge / Repeater / Router	802.11g Access Point / Client Bridge / Repeater / Router	<b>Wireless Access Point (WAP)</b>	802.11g Outdoor Client Bridge / Access Point
<b>WAP Transmit Pwr.</b>	600mW	600mW	<b>WAP Transmit Pwr.</b>	200mW
<b>Frequency Range</b>	2400 - 2500 MHz	2400 - 2500 MHz	<b>Freq. Range</b>	2400 - 2500 MHz
<b>Included in System</b>	<ul style="list-style-type: none"> <li>• X-WAV 7dBi High Gain Circular Polarized Directional Antenna</li> <li>• Enclosure and Cables</li> <li>• Power Over Ethernet (POE) Injector</li> <li>• 48VDC Universal Input Power Supply</li> <li>• ECB3500 AP</li> </ul>	<ul style="list-style-type: none"> <li>• Dual X-WAV 7dBi High Gain Circular Polarized Directional Antennas</li> <li>• Enclosure and Cables</li> <li>• Power Over Ethernet (POE) Injector</li> <li>• 48VDC Universal Input Power Supply</li> <li>• ECB3500 AP</li> </ul>	<b>Included in System</b>	<ul style="list-style-type: none"> <li>• X-WAV 14dBi High Gain Circular Polarized Directional Antenna</li> <li>• Cable and Mount</li> <li>• EOC1650 AP</li> </ul>
<b>Antenna Technology</b>	X-WAV 7dBi High Gain Circular Polarized Directional Antenna	Dual X-WAV 7dBi High Gain Circular Polarized Directional Antennas	<b>Antenna Technology</b>	X-WAV 14dBi High Gain Circular Polarized Directional Antenna
<b>Power</b>	System Powered Via Single Source Power Over Ethernet (POE) Injector or Direct Pwr.	System Powered Via Single Source Power Over Ethernet (POE) Injector or Direct Pwr.	<b>Antenna Connector</b>	N Female
<b>Warranty</b>	One Year Warranty	One Year Warranty	<b>Azimuth Beam Width</b>	33 degrees
<b>Dimensions</b>	W: 12.0625" (306.39mm) L: 12.125" (307.99mm) H: 3.5" (88.9mm)	W: 12.0625" (306.39mm) L: 16.5" (419.1mm) H: 4.25" (107.95mm)	<b>Elevation Beam Width</b>	33 degrees
<b>Weight</b>	8.55 lbs (3.88Kg)	10.05 lbs (4.56Kg)	<b>VSWR</b>	< 1.6:1
<b>Color / Material</b>	White / Indoor, powder coated steel	White / Indoor, powder coated steel	<b>F/B Ratio</b>	24 dB
<b>Mounting</b>	Direct to ceiling or above ceiling tiles, wall. (Optional Ceiling tile mounts available)	Direct to ceiling or above ceiling tiles, wall. (Optional Ceiling tile mounts available)	<b>Impedance</b>	50 Ohm
<b>Application</b>	For extending signal range and data throughput in home and small office environments where obstructions may traditionally limit signal coverage. Best for use in a covering 2 or more floors in a multi story structure when mounted on a ceiling; or for covering a large single floor area when mounted to a side wall.	For extending signal range and data throughput in medium and large office, warehouse, hotel and hospital environments where obstructions may traditionally limit signal coverage. Best for use when a long narrow coverage area is desired (i.e. hotel hallways). System should be mounted in the center of the desired coverage area.	<b>Antenna Dimensions</b>	W: 8" (203.2mm) L: 8" (203.2mm) H: 1.6" (40.64mm)
<b>Antenna Placement</b>			<b>Weight</b>	2.0 lbs. (.91Kg)
			<b>Warranty</b>	One Year Warranty
			<b>Mounting</b>	Universal Pole Mount
			<b>Application</b>	Application: For use in long range point to point or for point to multipoint sector coverage in a long narrow outdoor area