


# Specification for Infra units

KPI-2220E	Out-door type FD-Repeater (Large Network)	
 <p>FCC ID : UGN-KPI-2220E</p>	<p><b>Chipset</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> DSS 9002 x 2</li> <li><input type="checkbox"/> 1024 MAC addresses</li> </ul> <p><b>Data Transfer Rate</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Up to 200 Mbps through the powerline Interface</li> </ul> <p><b>Protocols</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> IEEE802.1Q, VLAN</li> <li><input type="checkbox"/> IEEE802.1P, Priority</li> <li><input type="checkbox"/> QoS &amp; CoS</li> </ul> <p><b>Interface</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Ethernet 10/100 Base-T / RJ-45 (1 port)</li> <li><input type="checkbox"/> Console / RJ11</li> <li><input type="checkbox"/> PLC signal port (F-type connector x 2)</li> <li><input type="checkbox"/> LV Coupling port (F-type connector x 1)</li> <li><input type="checkbox"/> Factory reset button</li> </ul> <p><b>Special Feature</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Built-in LV Coupler</li> <li><input type="checkbox"/> Built-in Coex. Filter</li> </ul>	<p><b>Physical Layer</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Modulation: OFDM with 1536 carriers</li> <li><input type="checkbox"/> Bandwidth: 2 MHz ~ 34 MHz</li> <li><input type="checkbox"/> Output Power Range: Up to -50dBm/Hz</li> <li><input type="checkbox"/> Transmitted Power Density with 1 dB step</li> <li><input type="checkbox"/> Avoid Interference: Power Mask</li> </ul> <p><b>Environmental Requirements</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Ingress Protection (IP) : IP68 (Waterproof)</li> <li><input type="checkbox"/> Operating temperature: -10 ~ +55°C</li> <li><input type="checkbox"/> Operating humidity: 5% ~ 95%, non-condensing</li> </ul> <p><b>Power Requirements</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Power consumption: Max 23W</li> <li><input type="checkbox"/> Voltage: 90 ~ 265 VAC</li> <li><input type="checkbox"/> Frequency: 50/60Hz</li> </ul> <p><b>Physical</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Material :Aluminum</li> <li><input type="checkbox"/> Weight : Max 5 Kg</li> <li><input type="checkbox"/> Dimension: 225mm X 310mmX 85mm</li> </ul>