

## ALEPH DETECTORS AL40

*PIR INTRUSION DETECTORS*

Qualified Motion Analysis Detectors



### KEY FEATURES

- ▶ QMA - Qualified Motion Analysis
- ▶ Rock Solid RFI Immunity
- ▶ Dual Slope Temperature Compensation
- ▶ 60lb Animal Immunity
- ▶ Current Consumption 4mA
- ▶ Multi-Function LED  
Ambient Temperature Detection  
Self Dimming LED

### **AL40 PIR Intrusion Detectors**

The AL40 Series family of motion detectors provide high quality security at an outstanding value. All AL40 models in the series provide Qualified Motion Analysis, 60 lb. Animal Immunity, Digital Operating System, Dual Slope Temperature Compensation and rock-solid RFI Immunity.

# AL40 SERIES SPECIFICATIONS

## Specifications

<b>Voltage</b>	10 to 16VDC
<b>Input Current</b>	15 mA maximum, 10 mA quiescent (approx.)
<b>PIR Type</b>	Dual Element
<b>Pulse Count</b>	Qualified Motion Analysis - 2 or 4 pulse, selectable
<b>Warm Up Time</b>	50 sec. max.
<b>Alarm Period</b>	2.4 seconds, retriggerable
<b>Visual Display</b>	Red LED (Selectable On/Off)
<b>Alarm Output</b>	NC, solid state, 19VDC, 100mA, 13 ohms resistance typ.
<b>Tamper Output</b>	NC, Dry Contact 30 VDC, 500mA, 5W Max
<b>Mounting Height</b>	6.5 to 8.5 ft (12 to 2.6 m)
<b>Operating Temp.</b>	14°F to 131°F (-10°C to 55°C)
<b>Environmental</b>	95% humidity non-condensing
<b>Weight</b>	3.0 oz / 83.5 g
<b>Dimensions</b>	3.9 in H x 2.5 in W x 1.7 in D / 98mm x 64mm x 42mm

## Automatic LED Brightness

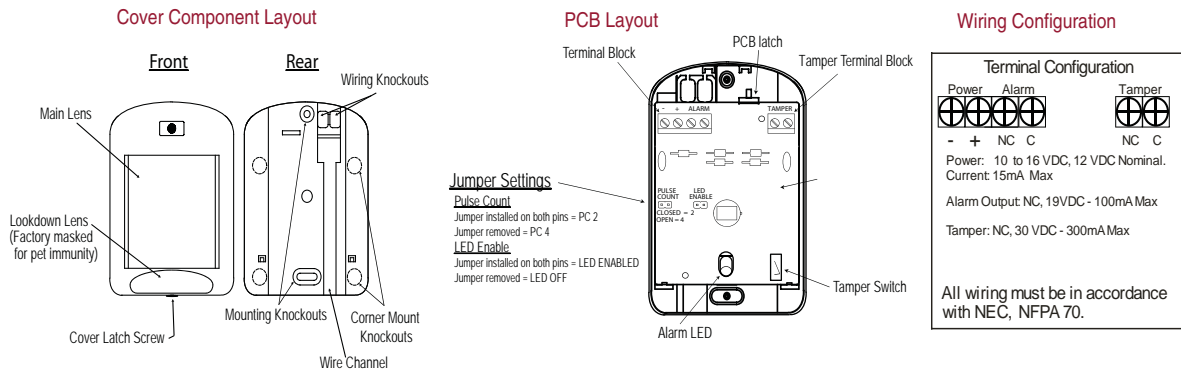
The AL40 Series LED alarm indicator includes an automatic brightness function. In order to allow for a less noticeable installation, LED brightness is reduced as ambient room light level drops.

The LED can be fully disabled by removing the LED jumper.

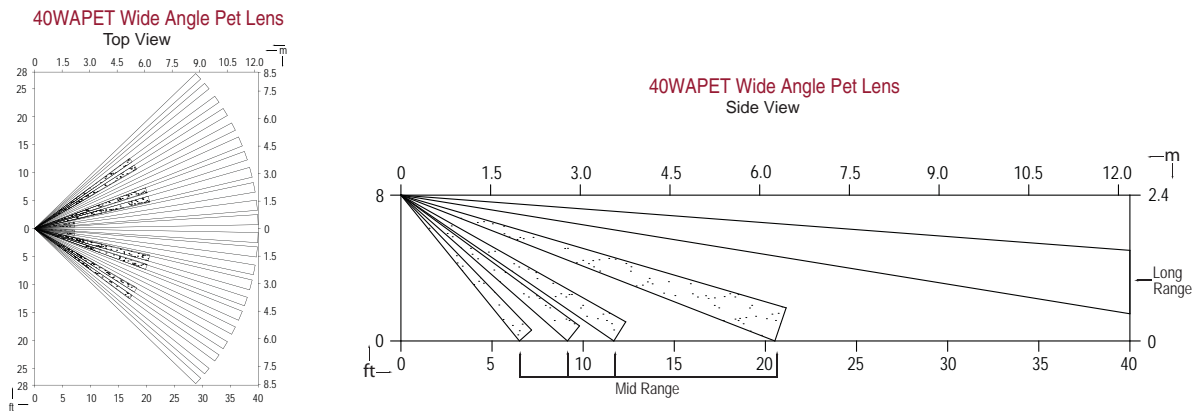


**AL40 SERIES PIR INTRUSION DETECTORS**

## Diagrams



## Detection Patterns



Design and specifications are subject to change without notice.  
Aleph America Corp.