

## ALEPH DETECTORS QT Series

*QUAD TECH INTRUSION DETECTORS*

**New Revolutionary Smart Detection**



### KEY FEATURES

- ▶ QMA - Qualified Motion Analysis
- ▶ Rock Solid RFI Immunity
- ▶ Dual Slope Temperature Compensation
- ▶ Optional 100 lb Animal Immunity
- ▶ Multi-Function LED  
Ambient Temperature Detection  
Self Dimming LED

### QT Series Intrusion Detectors

Available with 40-foot and 60-foot protection patterns, the QT Series intrusion detectors provide high quality PIR+Microwave security at outstanding value. ALEPH's unique "QT" signal processing evaluates PIR and Microwave information while factoring in ambient temperature and light for superior "Quad-Tech" performance.

# QT SERIES SPECIFICATIONS

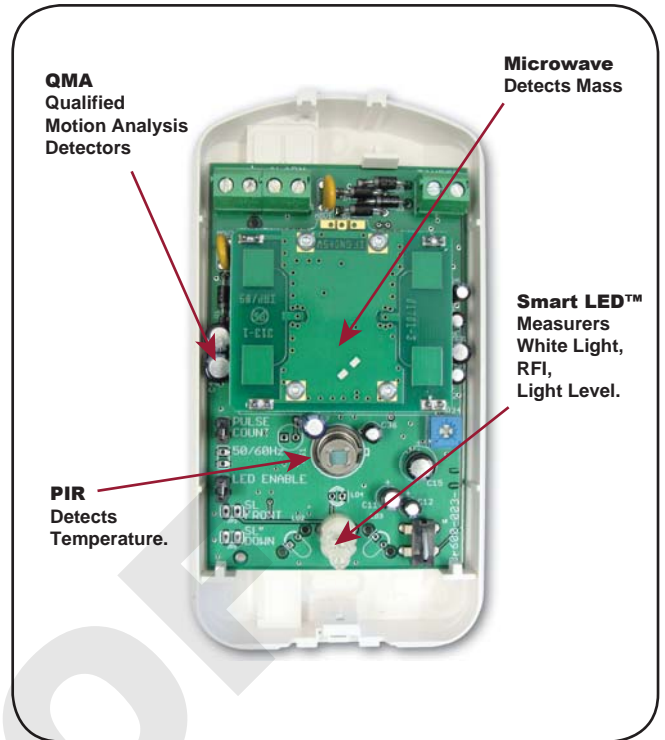
## Specifications

<b>Microwave Freq.</b>	10.525 GHz, pulsed
<b>Input Voltage</b>	10 to 16VDC, 12 VDC nominal
<b>Input Current</b>	15 mA max. (SL model 30mA), 11 mA quiescent (approx.)
<b>Pyro Type</b>	Dual Element
<b>Pulse Count</b>	Jumper selectable: PC2, PC4
<b>Warm Up Time</b>	25 - 45 seconds
<b>Alarm Period</b>	2.4 seconds, retriggerable
<b>Visual Indicator</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>	7 to 8.5 ft (2.1 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 g
<b>Dimensions</b>	4.8 in H x 2.5 in W x 1.7 in D / 122mm x 64mm x 43mm

## Automatic LED Brightness

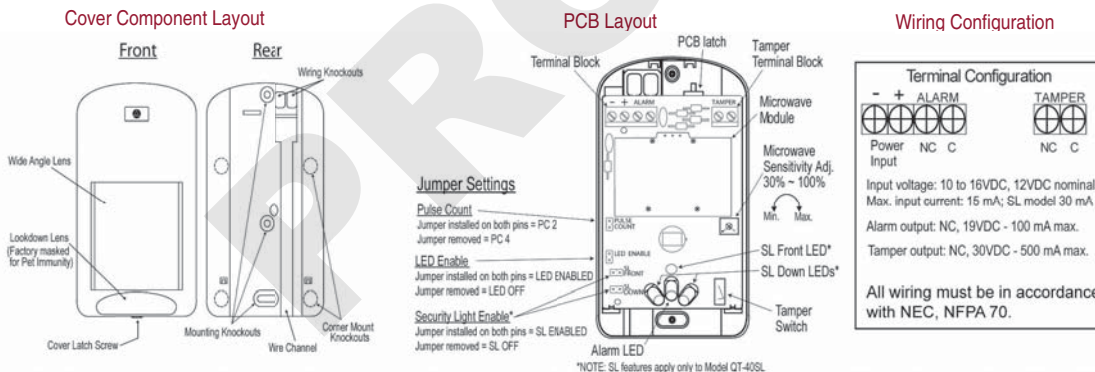
The QT Series LED alarm indicator includes an automatic brightness function. In order to allow for a less noticeable installation, LED brightness is reduced as ambient room light level drops.

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

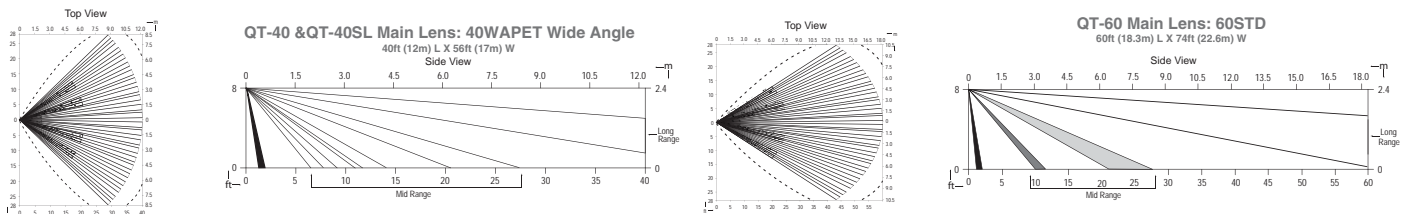


## QUAD TECH INTRUSION DETECTORS

## Diagrams



## Detection Patterns



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

4700 Aircenter Circle, Reno, NV, 89502 • PH:775-827-8000 • FAX:775-827-8044 • info@aleph-usa.com

