

*The A740 Rack Locator, used in conjunction with RF Code IR-enabled asset tags, facilitates accurate and affordable rack-level asset location awareness.*

## Features & Benefits

- ◆ *Rack-Level Location Accuracy for Open or Closed Racks*
- ◆ *Simple Installation*
- ◆ *Encoded Infrared Transmissions*
- ◆ *User-Configurable Location Settings*
- ◆ *Field Upgradeable Firmware*

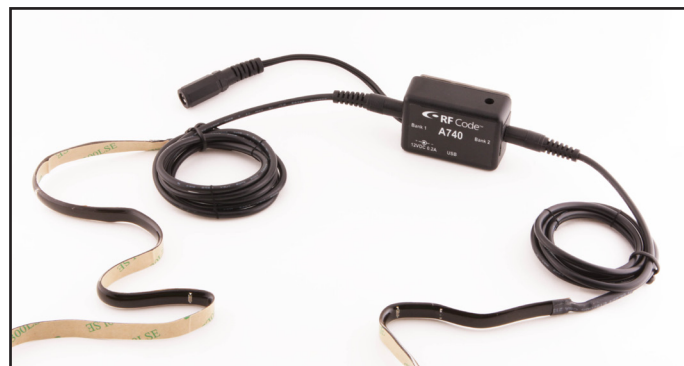
The A740 Rack Locator is an infrared (IR) signaling unit designed for use in IT data centers with open or closed server racks. When deployed in concert with IR-enabled tags (and optional A750 Room Locators) the system provides a method of locating tagged assets with rack-level precision. Each Rack Locator transmits an infrared pulse pattern containing a unique 4-digit location code. The intensity of the IR transmissions can be adjusted to achieve complete coverage for open or closed racks with minimal bleed-over to adjacent racks.

IR-enabled tags monitor their environment for incoming IR signals and periodically report both their own unique ID and the applicable IR location code. Tag transmissions are processed in real-time to quickly locate and identify tagged assets with rack-level accuracy, for open or closed racks.

A750 Room Locators can be used to illuminate larger coverage zones (e.g., receiving and staging areas) with a typical radius of 35 feet. Coverage zones are limited by solid physical structures

such as rack doors and walls, however IR transmits within line-of-sight, and signal bouncing effectively floods a coverage zone with the location code.

The A740 has a unique form factor consisting of a small control box and two flexible LED banks. Powered by a 100-240 V power supply w/ IEC connector and US cord, the A740 Rack Locator will perform reliably in temperature environments from -20 to +70 degrees Celsius. With simple installation, modular design and low price, Rack Locators provide an economical solution to a variety of asset tracking problems. Large populations of assets can be monitored using a single reader. Since the location of tagged asset is determined via IR location reports, there is no need for redundant readers, signal strength calculations or complicated triangulation algorithms.



*Easy to install and affordable, the A740 transmits a unique IR signature that enables rack-level accuracy tracking solutions when used with IR-enabled asset tags.*

# RF Code A740 Rack Locator Specifications

## OPERATION

Configuration	Program address and intensity via mini-USB
Operating Frequency	36 kHz
Power Control	Adjust from 10% to 100%
Indicators	Power LED

## RACK COMPATIBILITY

A740-0001	Suitable for 24" or 30" wide 52U open or closed racks
A740-0002	Suitable for 24" or 30" wide 42U open or closed racks

## CONTROL BOX

Length	2.0 in (5.1 cm)
Width	1.4 in (3.6 cm)
Height	.85 in (2.2? cm)
Weight	.9 oz (25.5 g)
Case	Injected molded plastic
Mounting	Adhesive backing

## LED BANKS (A740-0002 FOR 42U RACKS)

Length	90 in (7.5 ft / 2.5 m)
Width	0.32 in (81 mm)
Height	0.10 in (26 mm)
Design	4 IR segments with 16 IR elements
Mounting	Adhesive backing

## ENVIRONMENTAL

Operating Temperature	0° C to +50° C
Storage Temperature	-40° C to +80° C
Operating Humidity	10% to 90% non-condensing

## ELECTRICAL

Power	100-240 V power supply w/ IEC connector
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