

# The NukAlert-ER Gateway



The NukAlert-ER Gateway receives data from a NukAlert-ER Geiger counter and connects it to the internet. The Gateway also delivers power to the connected NukAlert-ER and can drive an optional HDMI display with the currently measured radiation dose rate. With the addition of a standard un-powered USB hub, the Gateway may connect to the internet through an optional WiFi dongle and/or gather location data from an optional GPS dongle. Power is supplied by an included 5VDC 2A plug in adapter.

## Specifications:

Size: 3.55" x 2.46" x 0.9", Weight: ~ 80g

Power supply 5V @ 2A DC plug in adapter (supplied)

Current consumption (powering NukAlert-ER): 0.5A nominal, 1.0A peak

Data format: Meets ANSI N42.42-2012

Connectors:

5.5mm x 2.1mm barrel connector for 5VDC power

Mini USB alternate power connection

RJ-45 Ethernet jack for connection to Ethernet router and internet

Micro HDMI connector for Video/Audio output

USB A full size host connector for connection to NukAlert-ER or USB Hub

## Supplied with unit:

Plug in adapter with cable

1 meter male Micro HDMI to standard male HDMI cable (for optional connection to a HDMI display)

1 meter male USB A to male micro USB connector (for connection to NukAlert-ER)

Instruction sheet

## Optional Accessories:

USB Hub & cable set

WiFi Dongle

GPS Dongle (available soon)

Alternate Power Supplies (12VDC adapter etc.)