The most effective way to control your RadComm Radiation Detect System

- Utilises Windows 10 technology
- Complete system in single box with touch screen monitor
- Can be wall mounted
- Wifi and Ethernet connectivity
- Reduces need to a separate black box and USB to serial converter

RADLINK

Embedded Controller

The embedded controller supplied by RadComm provides power and control capabilities to the RadComm radiation detection system. The controller allows a display to be connected to an HDMI or VGA port on the back of the box. There are dual Gigabit Ethernet ports or internal Wi-Fi for Internet/network connectivity. The unit can be mounted to a wall if desired

Supplied as part of portal range of systems, whether PVT< crystal, vehicle/weighbridge, Offgas or conveyor mounted, but can be purchased separately to upgrade All in One systems and PC based controllers running Windows XP, which is outdated technology.

Runs the most up to date software (currently version 5), and the built in speakers negate the need for additional sound system for alarms to be heard.

RADLINK consists of:

- Keyed on/off switch
- RS232/422 converter integrated • AC/DC Power Supply • Audio
- Large touch screen LCD monitor
- Remote communications package (optional)

RadLink Controller Features:

- Large storage capacity for system operational information and alarms
- Easy to follow multilingual menu outlines and descriptions
- Multi-level security password control
- Detailed alarm and scan data storage
- East to set alarm configuration menu
- Network for remote service & monitoring
- Radiation levels displaying: CPS; R/h; Sv/h
- Vehicle speed in km/h or mph
- Internal operating temperature in ˚C & ˚F
- Adjustable audio alarm
- Counter for number of scans in a 24 hour period for incoming and outgoing scans
- Detailed alarm information displayed and stored after every alarm
- Configurable email reporting
- Various string outputs available

Embedded Controller Specifications:

- OS: Windows 10 IOT Enterprise 2019 LTSB
- Fanless Intel processor
- Touch enabled LCD display
- 8 GB DDR3 RAM
- Dual Ethernet ports
- Wi-Fi
- 1x VGA analog video output, 1x HDMI digital video output
- 5x USB 2.0 1x USB 3.0
- audio speaker
- 480 GB SSD storage capacity (optional sizes available) ABCD
- Data management for a standard system can store up to 180500 scans a year (500 daily scan average)[ABCD]
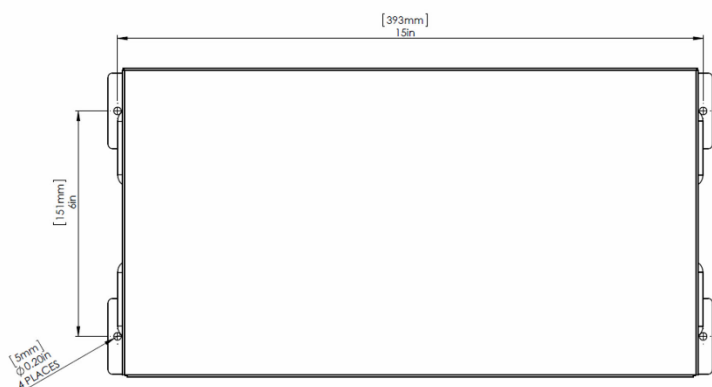
Physical Parameters

Size: 16" [406.4mm] x 8.1" [205.75mm] x 2.37" [60mm]

Weight: 7.4lbs [3.4kg] Material: 18GA (0.48") C.R.S.

Paint: Black powder coat

A. Standard System is a 2 detector panel with 2 PMTs with 128 resolution at 0.4ms. 500 daily scans can use approx.. 87GB in a year.
B. 128 GB SSD can handle up to 180500 scans before it begins recycling the old data.
C. Number of scans to store can be increased by increasing the SSD storage capacity.
D. A PMT with 128ch at 0.4 seconds can use approx.. 22GB in a year.

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