

Link2-Display Pro RD-X

Standalone Radiation Display Controller

Overview

RADIO OPTIONS

Link2-Display Pro includes a Bluetooth radio for receiving sensor data. External base radios can also be connected to the Link2-Display Pro to communicate with in house radio systems.

MONITOR OPTIONS

The Link2-Display Pro RD-X can be configured with almost any computer monitor or television screen. All that is needed is a HDMI input on the TV or monitor.

WI-FI STANDARDS

Link2-Display Pro supports all standard Wi-Fi encryption standards including WPA-PSK, WPA2-PSK and WEP.

Link2-Display Pro highlights:

Connected Display

The Link2-Display Pro RD-X can be setup as a standalone display for viewing instrument data from a wired instrument or received wirelessly from nearby Bluetooth LE equipped instruments.

Radio System Compatibility

The Link2-Display Pro RD-X can be connected to an external base radio, including Thermo CNET and Mirion WRM systems. Data from area monitors can be received and displayed.

HDMI Connection

Since the Link2-Display Pro RD-X utilizes a HDMI connection for the external display, any HDMI television or computer monitor can be setup with the Link2-Display Pro. The Link2-Display Pro has resolution support for up to 4K allowing dosimetry data to be displayed on large LCD televisions with clear easy to read text and graphics.

Customization

The Link2-Display Pro has configurable displays able to display dose rate information in a clear easy to view format. Alarm warnings, configurable thresholds, and color coded messages provides quick and effective details about instrument readings.

Instrument Support

The Link2-Display Pro can receive and display data from the following instruments:

- Thermo EPD, RadEye,
- Thermo TruDose
- Mirion DMC
- IIS WAM



Enterprise Support

The Link2-Display Pro is powered by a 10W quad-core x64 processor running Windows 10 IoT Enterprise 2019 LTSC. It can be managed by IT as an MDM resource like other Windows devices. The RadDisplay software runs in a locked down kiosk mode.

Included Items

The Link2-Display Pro includes a VESA mounting adaptor for attaching the unit to a monitor. 120VAC power supply and 2 SMA antenna's for wireless. Monitor not included.

Specifications

Radio	Wireless Standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
	Frequency	2.4-2.483GHz
	Bluetooth versions	Bluetooth 3 and 4
	Security	WPA-PSK, WPA2-PSK and WEP
	Speed	Wi-Fi up to 150Mbps
	FCC ID	TX2-RTL8723BE
	IC	6317A-RTL8723BE
Power Requirements	AC Adaptor Power	90-240 VAC
	DC Input	12V DC @ 40W
General	Dimensions (H x W x L)	129 * 109.4 * 34 mm
	Weight	650g
External Connections	2 x USB 3	Radio Connections
	HDMI	Intel HD Graphics 500 HDMI 1.4b (3840 x 2160 @ 30Hz)
	USB	4 x USB 2.0
	RJ45	10/100 BaseT Ethernet
	3.5mm Jack	Stereo audio output
	2.5mm DC-In	12V AC-DC adaptor provided
	2 * SMA connectors	For Wi-Fi / Bluetooth radios

DUAL POWER DESIGN

The Link2-Display Pro is powered by an AC wall adaptor which is included. The Link2-Display Pro can also be powered from a 12VDC power source for fixed installations.

SETUP AND CONFIGURATION

The Link2-Display Pro is setup by connecting a keyboard and mouse to the USB ports on the Link2-Display Pro. Once setup is complete, the mouse and keyboard are no longer needed for operation.

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