HIGH-POWER MESH RADIO

EDICT-HP

The EDICT-HP is a high-power LoRa mesh radio designed and assembled by Delta Plus Proto in Illinois, USA. It transmits 30 dBm (1 W) conducted on the 902–928 MHz US ISM band from a Semtech SX1262 with a 1 W power amplifier, and runs Meshtastic or MeshCore firmware (Reticulum coming soon) on hot-swappable Baofeng UV-5R battery packs.

MADE Designed and assembled in Illinois; shell printed and plates machined in the USA

OUTPUT	BAND	BATTERY
30 dBm · 1 W	**902–928** MHz	**UV-5R** hot-swap packs

01 / SPECIFICATIONS

RADIO	Semtech SX1262 + 1 W PA
BAND	902–928 MHz (US ISM)
OUTPUT	30 dBm (1 W) conducted
RECEIVE PATH	SAW-filtered LNA
PROCESSOR	Nordic nRF52840, Bluetooth LE (internal chip antenna)
CHASSIS	MJF Nylon 12 shell, powder-coated aluminum top and bottom plates
PROTECTION	Fully silicone potted after assembly
FIRMWARE	Meshtastic, MeshCore; Reticulum (RNode) coming soon
BATTERY	Baofeng UV-5R pack, hot-swappable, not included
CHARGER	Not included
ANTENNA	SMA, not included

02 / YOU'LL NEED

Baofeng UV-5R battery pack

SMA antenna for 902–928 MHz

Band: 902–928 MHz (US ISM). Check it is permitted where you'll use it.

FIG 01 · EDICT-HP FRONT · RENDER



Render of the EDICT-HP, front view, with antenna and battery pack fitted.

SUPPORT
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