PicoAPRS

Described as the "World's smallest APRS Transceiver by DB1NTO", the PicoAPRS can be used as:



- a tracker that can send position data
- a receiver that can receive APRS messages
- a stand alone APRS digipeater
- a computer connected TNC

Here are some screenshots:

19:18:23 5 km/h 21	V Message from * DB1NTO 0° Hallo Taner on close reply	DB1NTO-9 🚗 0.0km 0° PicoAPRS by	Last heard: DB1NTO-9 0.0km 268° DB0ABA 44.4km 327° DM0ET-10 39.8km 354° DM0ET-6 39.8km 354° next close
TX Messages: DB1NT0-10 hello DB1NT0-9 I'm drivi DB1NT0-9 Maybe DB1NT0-9 hello Close	to e-Mail: ©db1nto.de⊻	Message from EMAIL-2 Email sent close reply:	Alt : 339m Locator: JN5911 Date : 27.05.2017 Course : 12°
	OSWN Ministration Okm/h 216°	Play game	

It outputs 1W and you'll need to buy a separate antenna. The PicoAPRS's antenna port is a female SMA port (so you'll need an antenna with a male SMA connector), so Baofeng antennas won't work.

DX Engineering sells it for \$220 and the user comments there are pretty informative. The gist is that unless you're in an area with lots of digipeater, using this unit with a portable antenna and its meagre 1W won't work as a mobile APRS station. However, people have used it as trackers for drones or even drone APRS digipeaters

It's pretty cool, but I can think of a lot of other things I'd spend \$220 before buying this (unless I had a drone I guess).