

Functions

1. Record GNSS RF signal on a PC as digitized IF (DIF) file. The file then can be processed with software receiver from IP-Solutions or a 3rd party. The DIF file can be played back as RF using IP-Solutions playback devices.
2. Work as a front end for IP-Solutions real-time software GNSS receiver family

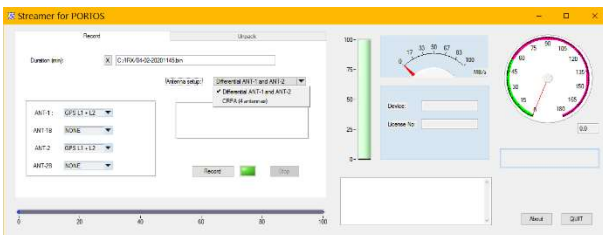
Features (depend on model)

- * Support for all GNSS signals in L-band and S-band
- * One, two or four RF antenna inputs
- * Maximum bandwidth up to 36MHz, 1-3 bit resolution.
- * Seamless work with IP-Solutions ARAMIS (real-time and post-processing) and MATLAB receivers
- * Compatible with ReGen GNSS DIF simulator

Front end real time API (optional)

- * Allows to integrate front end with user applications, such as software receivers.
- * Includes an example of Microsoft Visual C++ project with source code.

Streamer recording software



- * User friendly GUI, Windows 10 PRO
- * Control software and drivers are included.

Examples of front-end off-the-shelf models

Model	Eagle-2	Atos	PORTOS	PORTOS-3
Code	A2-L1-R2-U2-T	A1-LX-R2-U2-O	A4-LS-R4-U2-O	A4-LX-R4-U3-O
Antenna input	2	1	4	4
RF Bands	L1	L1+L5	All L+S	All L
PC Interface	USB-2	USB-2	USB-2	USB-3
RF channels	2	2	4	8
Clock	TCXO	OCXO	OCXO	OCXO
Configuration Example	(GPS L1 + Galileo E1 +SBAS) on each ANT	GPS L1 + L5 + Galileo E1 + E5a + NavIC L1 + L5	GPS L1 + L5 GAL E1 + E5a + E5b NavIC L1 + L5 + S	Dual frequency GPS, Galileo, NavIC from each antenna

Please inquire for more options or customization.