GOES HRIT Live Web UI

What This Is This project converts live GOES HRIT reception via SatDump into a self-updating web dashboard. As new Full Disk imagery arrives, the browser updates instantly via Server-Sent Events (SSE).

Supported Satellites - GOES-18 - GOES-19 - Multiple satellites simultaneously

Architecture RTL-SDR -> SatDump -> Filesystem -> Update Script -> SSE -> Browser

Filesystem /home/pi/sat/GOES-XX/IMAGES/GOES-XX/Full Disk/YYYY-MM-DD_HH-MM-SS/

Installation 1. Install RaspiNOAA + SatDump 2. Clone repo 3. Run install/install.sh 4. Enable services 5. Open /goes

USB Stability echo 0 | sudo tee /sys/module/usbcore/parameters/usbfs_memory_mb

Security Read-only nginx reverse proxy. Image-only exposure.

Extras - Mosaic builder - Timelapse generator

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