

Satellite Systems and Content Acquisition

A receive-and-replay path for Free-to-Air Christian broadcasts already covering a region.



REPURPOSED DISH WITH GENERIC LNB

Plain answer

The satellite piece receives existing Free-to-Air Christian radio or video. It is not currently for remote coordination, emergency communication, or Raspberry Pi updates unless a recorded stream is later copied to microSD for the VillageServer library.

Field steps

01

Repurpose a dish

Start with an unused satellite dish that can safely hold alignment in the field.

02

Retrofit the feed

Install a generic LNB so the dish can receive the Free-to-Air signal for that region.

03

Aim by region

Point the dish at a satellite already broadcasting Christian radio or video over the target area.

04

Play the stream

Send the radio or video to a TV, projector, speaker, wall, or screen in a home, church, or community center.

05

Record when useful

With an HTML recorder or similar recorder, save broadcasts so a pastor or leader can replay them later.

06

Bridge only if needed

If the saved program should live in VillageServer, copy the file to microSD and load it through the Raspberry Pi library.

DO NOT OVERSELL IT

This is not a live internet-update system for the Raspberry Pi, and it is not the emergency communication plan. Treat it as a content reception and replay tool.

What the satellite part really does

The dish and LNB receive an existing broadcast signal. The community can watch or listen live, project it for a group, or record it for later replay. Uploading custom content would require a separate teleport organization and is outside the current simple field model.



REPURPOSED DISH WITH GENERIC LNB

01

Best use

Free-to-Air Christian broadcasts already available over the region.

02

Not for

Remote coordination, emergency communication, or live Raspberry Pi updates.

03

Record and replay

Saved broadcasts can be replayed later as often as needed.

04

Board takeaway

Satellite adds a regional content source; VillageServer stays offline-first.

REMEMBER

Keep this handout with the field kit. Use it to explain the system in simple language before opening the longer website directory.