

**TINYSTREAMER.COM**

Product Brochure and Manual

# Features

- Live stream any camera/drone video feed wirelessly
- Supports RTMP stream input
- Add your own custom branding to the video feed
- Up to 60 feet of wireless range
- 300ms latency at optimal range
- Support multiple input streams
- Web user interface to manage branding and managing feeds
- No 3rd party app required
- No subscription
- 6 months hardware warranty
- Designed and developed in India

## Technical Specifications

- CPU: Quad core Cortex-A72
- RAM: 2GB
- Wireless: 2.4 GHz WiFi
- Lan: 1Gbps
- Output: micro-HDMI port (up to 4kp30 supported)
- Storage: Micro-SD card slot for loading operating system and data storage
- Power Requirements: 5V DC via USB-C connector (minimum 3A\*)
- Antenna: <3dbi

## Technical Streaming capabilities

- 25mbps stream decoding up to 1080p
- Up to 4k30p Stream output

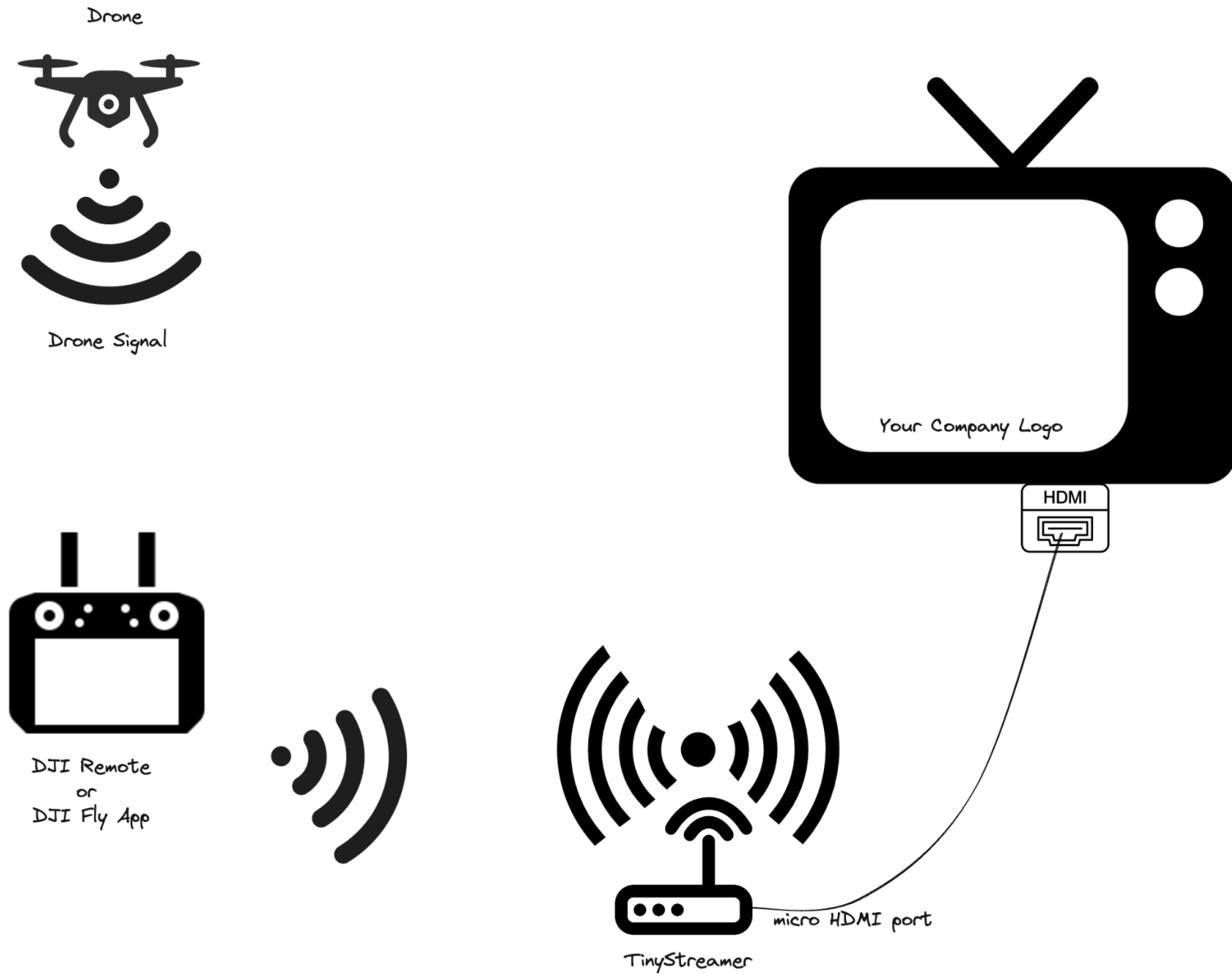
## Recommended Streaming settings

- For drones: 1080p at 60fps at 5 mbps bitrate
- For cameras: 1080p at 30fps at 11 mbps bitrate
- Display output: 1080p at 60hz
- Recommended distance from device: 2 to 15 ft

## Additional customization

- User replaceable antenna. Change to 5dbi for more range in open areas.
- Ethernet lan usage
  - Connect directly to cameras with ethernet capabilities
  - Users can add another wifi router to extend wireless range
- Easy self-service software updates by flashing included micro-sd with new images

# High Level system overview



Drone remote can be replaced with a camera. Camera can use wifi or ethernet to connect.

## Stream configuration on device

- Web portal accessible at <http://stream.local> or <http://10.42.0.1>
  - if using another router, use <http://stream.local> or find out the ip address from router dashboard
- RTMP stream urls should be used as follows (Most modern devices should support stream.local, if not, switch to IP address)
  - Protocol: rtmp
  - Host: stream.local / 10.42.0.1
  - Port: 1935
  - Streamname: any name
- Sample stream urls
  - rtmp://stream.local/streamname
  - rtmp://stream.local:1935/streamname
  - rtmp://10.42.0.1/streamname
  - rtmp://10.42.0.1:1935/streamname

## Settings available in the web panel

- Watch input streams, switch output
- Change logo
- Change position of logo
- Change size of logo
- Change opacity of logo (Set opacity to 100 to disable logo)
- Change cache settings (recommended is 100, test with different settings based on input)
- Update licence key