

Tap Active Kiosk

User Manual

Version 1.0 · Last Updated July 2026
Copyright © 2026 Didur Labs LLC. All rights reserved.

Table of Contents

1. [Introduction](#)
 2. [System Overview](#)
 3. [Getting Started](#)
 4. [Daily Operations](#)
 5. [Admin Console Reference](#)
 6. [Managing Media Content](#)
 7. [License Management](#)
 8. [Proxima Tag Management](#)
 9. [Tactus Button Management](#)
 10. [System Configuration](#)
 11. [Network Management](#)
 12. [User Administration](#)
 13. [Monitoring & Maintenance](#)
 14. [Troubleshooting](#)
 15. [Safety & Security](#)
 16. [Appendices](#)
-

1. Introduction

1.1 Purpose

Tap Active Kiosk is a commercial-grade kiosk platform designed to deliver engaging video content at trade shows, retail displays, museums, and similar venues. Visitors interact with the display by scanning **Proxima** tags or pressing **Tactus** buttons, which triggers playback of associated video content.

1.2 Key Features

- **Touchless Interaction** — Visitors scan Proxima tags or press Tactus buttons without touching the screen
- **Multiple Trigger Types** — **Proxima** (tag scanner) and **Tactus** (wireless buttons + Tactus Module receiver)
- **Instant Playback** — Videos start immediately upon trigger
- **Queue Management** — Multiple triggers are queued and played in sequence
- **Remote Administration** — Web-based control panel accessible from any device
- **YouTube Integration** — Download videos directly from YouTube

- **Live Monitoring** — Real-time display preview and system health
- **Audit Trail** — Complete logging of all administrative actions

1.3 Intended Use

This system is designed for:

- Trade show booths and exhibitions
- Retail product displays
- Museum and gallery installations
- Corporate lobbies and waiting areas
- Educational kiosks
- Interactive marketing displays

1.4 Document Conventions

Icon	Meaning
Warning:	Warning — Important safety or security information
Tip:	Tip — Helpful suggestion
Note:	Note — Additional information

2. System Overview

2.1 Hardware Components

Primary Computing Device: GMKtec NucBox G3S

- Intel N95 Processor (4 cores, 3.4GHz turbo)
- 8GB DDR4 RAM, 256GB SSD
- Dual HDMI (4K), 3x USB 3.2, WiFi 5, Ethernet
- Amazon: <https://a.co/d/0fuBJid6>

Proxima (Navfmr Metal Case)

- 13.56 MHz NFC tag scanner, ISO 14443 Type A (MIFARE, NTAG)

- USB HID keyboard emulation (plug and play)
- Amazon: <https://a.co/d/0hilnXq2>

Tactus Module (Optional)

- USB wireless receiver (included with Pro/Enterprise hardware)
- Pair **Tactus buttons** at `http://<device-ip>:8081`
- Enable in admin UI: **Buttons -> Tactus Module**

Tactus buttons (Optional)

- Licensed wireless buttons from Didur Labs
- Each button triggers video like a Proxima tag

```

+-----+
| |
| +-----+ +-----+ |
| | Proxima | ----- | | |
| | Module | USB | GMKtec NucBox G3S | |
| +-----+ | (Ubuntu 22.04) | |
| | | |
| +-----+ | Intel N95 / 8GB | |
| | Power | ----- | | |
| | Button | +-----+-----+ |
| +-----+ | |
| | HDMI |
| +-----+-----+ |
| | | |
| | Display | |
| | Monitor | |
| | | |
| +-----+ |
| |
+-----+

```

2.2 Software Components

Component	Function
Player Daemon	Handles Proxima tag input, controls video playback
Web API	Provides admin console and configuration
mpv Player	Fullscreen video playback engine

SQLite Database	Stores settings, tag assignments, users
-----------------	---

2.3 User Roles

Role	Capabilities
Visitor	Scan Proxima tags or press Tactus buttons to play videos
Operator	Manage content, assign tags, configure display
Administrator	All operator functions + user management + audit logs

3. Getting Started

3.1 Powering On

1. Connect power to the computing device
2. Ensure display monitor is powered on
3. Wait approximately 30-60 seconds for boot sequence
4. System will display idle video/image when ready

3.2 Accessing the Admin Console

From the Same Network

1. Open a web browser on your phone, tablet, or computer
2. Navigate to `http://<device-ip>:8080`
3. Log in with your credentials

Finding the Device IP Address

- Check your router's connected devices list
- Or use a network scanner app
- Or connect a keyboard and run: `ip addr show`

Using Hotspot Mode (No Network)

If the device isn't connected to a network:

1. On your phone/laptop, look for WiFi network: - **Network Name:** TradeShow-Display - **Password:** setup1234
2. Connect to this network
3. Open browser: `http://192.168.4.1:8080`

3.3 First Login

1. Enter username: `admin`
2. Enter password: `admin`
3. Click **Sign In**

■ **Change the default password immediately after first login!**

3.4 Changing Your Password

1. Navigate to **Users** tab
 2. Find your user account
 3. Click **Edit**
 4. Enter new password in the prompt
 5. Confirm the change
-

4. Daily Operations

4.1 Starting the Day

1. **Power on** the system (if not already running)
2. **Verify** the idle display is showing
3. **Check** the admin console: - System health is "ok" - All services are "active" - No error messages in recent logs
4. **Test** at least one tag scan

4.2 During Operation

The system operates autonomously once configured:

- **Idle State** — Displays configured idle video (loops) or image
- **Tag Scanned** — Assigned video plays fullscreen

- **Video Ends** — Returns to idle or plays next queued video
- **Unknown Tag** — Shows "no video assigned" message briefly

4.3 Ending the Day

Option A: Leave Running (Recommended)

The system is designed for continuous operation. Simply leave it running.

Option B: Shutdown

1. **Press power button briefly** (less than 1 second)
2. System will shut down cleanly
3. Display will turn off

4.4 Quick Troubleshooting

Symptom	Quick Fix
Black screen	Check display cable, verify idle content is set
Tag not working	Verify tag is assigned in admin console
No admin access	Check network connection, try hotspot mode
Video stutters	Check disk space, try re-encoding video
Update failed	Check <code>/var/log/rfid-player/update.log</code> ; wait 3 min and retry
Trial expired	Activate license on License tab

5. Admin Console Reference

5.1 Console Layout

```
+-----+
| Tap Active Kiosk [User Name] [WiFi Status] [Sign Out]|
+-----+
```

```
| [Monitor] [Display] [Library] [Tags] [Buttons] [WiFi] [License*] [Metrics] [Branding*] [Users*] [Audit*]
[System*] |
```

```
+-----+
| |
| Tab Content Area |
| |
| |
+-----+
```

* Admin only tabs

5.2 Navigation Tabs

Tab	Purpose	Access
Monitor	Live preview, playback queue, system metrics	All users
Display	Resolution, idle video/image, slideshow	Admin
Library	Upload videos, manage media files	All users
Tags	Proxima tag assignments + scanner settings	Licensed
Buttons	Tactus button assignments + Tactus Module settings	Licensed
WiFi	Network configuration	All users
License	Activate and view Tap Active Kiosk license	Admin only
Metrics	Proxima scans and Tactus button presses (reporting)	All users
Branding	Console branding and HTTPS/TLS	Admin only
Users	User account management	Admin only
Audit	Action history log	Admin only

System	Software updates, factory reset, content wipe	Admin only
---------------	---	------------

5.3 Status Indicators

WiFi Badge:

- Green: Connected to WiFi
- Red: Not connected / Hotspot mode

Service Status:

- `active` — Service running normally
- `inactive` — Service stopped
- `failed` — Service crashed (check logs)

6. Managing Media Content

6.1 Supported File Types

Videos

Format	Extension	Notes
MPEG-4	<code>.mp4</code>	Recommended — Best compatibility
QuickTime	<code>.mov</code>	Common from Apple devices
Matroska	<code>.mkv</code>	Good for high quality
WebM	<code>.webm</code>	Web-optimized format

Images

Format	Extension	Notes
JPEG	<code>.jpg</code> , <code>.jpeg</code>	Best for photos

PNG	.png	Best for graphics with transparency
GIF	.gif	Supports simple animation
WebP	.webp	Modern compressed format

6.2 Uploading Files

1. Go to **Library** tab
2. Click the file input area
3. Select your video or image file
4. Click **Upload**
5. Wait for upload to complete (progress bar shows status)

Tip: For large files over slow connections, use direct file copy via SSH instead.

6.3 Downloading from YouTube

1. Go to **Library** tab
2. Paste YouTube URL in the text field
3. Optionally enter a custom filename (without extension)
4. Click **Download Video**
5. Wait for download to complete (may take several minutes)

Note: YouTube downloads require an active internet connection and may fail if the video is restricted.

6.4 Previewing Media

1. In the **Library** grid, click on any thumbnail
2. A preview modal will open
3. For videos: playback controls are available
4. For images: full view displayed

6.5 Renaming Files

1. Click **Rename** on any media item
2. Enter new filename in the modal

3. Click **Save Name**
4. All tag assignments automatically update

6.6 Deleting Files

1. Click **Delete** on any media item
2. Confirm deletion in the popup
3. File is permanently removed
4. Associated tag assignments are also removed

Warning: Deletion cannot be undone!

6.7 Storage Management

Check available storage in **Monitor** tab -> **System Metrics** -> **Disk free**

If running low on space:

1. Delete unused media files
2. Use lower resolution/bitrate videos
3. Consider adding larger storage drive

7. License Management

7.1 Device ID

The **License** tab shows a **Hardware ID** unique to this appliance. Copy it when requesting a hardware-locked license from Didur Labs.

7.2 Request a License

1. Go to **License** tab
2. Fill in your name, email, company, and requested tier
3. Click **Send License Request**

The request is emailed to **licensing@tapactivekiosk.com** with device details (Hardware ID, hostname, IP) included. If the appliance cannot send mail directly, use **Open in Email App** or **Copy Request Text**.

7.3 Activate a License

1. Paste the license key from Didur Labs into the **License Key** field
2. Click **Activate License**
3. **Tags** and/or **Buttons** tabs unlock based on your tier

7.4 Installation Trial

New appliances include a **3-day evaluation trial** that starts on first boot:

- **1 Proxima tag** registration
- **1 Tactus button** registration
- Professional-tier feature set for testing

Activate a paid license on **License** before the trial ends to add more tags/buttons and remove limits.

8. Proxima Tag Management

8.1 Understanding Proxima Tags

Each Proxima tag has a unique identifier (UID) — typically 8-16 hexadecimal characters like `A1B2C3D4` or `04:AB:CD:EF:12:34:56`.

Tag Registration Licensing: Your software license includes a set number of tag registration slots:

License Tier	Tag Registrations
Standard	50
Professional	100
Enterprise	250

- Registering a new tag uses one slot
- Reassigning a tag (changing its video) does not use additional slots
- Deleting a tag frees that slot for reuse
- Contact Didur Labs to purchase additional 50-tag registration packs (\$99)

8.2 Finding Tag UIDs

Method 1: Scan and Check Log

1. Go to **Monitor** tab
2. Click **Daemon Log**
3. Scan the tag on the Proxima module
4. Look for: `Tag scanned: XXXXXXXX`

Method 2: Use Reader Software Many Proxima-compatible readers come with Windows software to display tag UIDs.

8.3 Creating Tag Assignments

1. Go to **Tags** tab
2. Enter the **Tag UID** (hexadecimal)
3. Enter an optional **Label** (e.g., "Product A Demo")
4. Select a **Video** from the picker
5. Click **Save Assignment**

8.4 Testing Assignments

From the Tags tab:

1. Click **Simulate** next to any assignment
2. Video will play on the display

From the Assignment Form:

1. Enter Tag UID and/or select Video
2. Click **Simulate Scan**

8.5 Editing Assignments

To change a tag's video:

1. Simply create a new assignment with the same UID
2. The old assignment is automatically replaced

8.6 Removing Assignments

1. Find the tag in the assignments list
2. Click **Remove**

3. Tag will no longer trigger any video

8.7 Playback Behavior

Scenario	What Happens
Tag scanned, idle state	Video plays immediately
Tag scanned during playback	Video queued; manage queue on Monitor tab
Same tag scanned quickly	Ignored (cooldown period)
Unknown tag scanned	"No video assigned" message
Video ends, queue empty	Returns to idle display
Video ends, queue has items	Next video plays
Remove queue item (admin)	Skips current or drops waiting item

9. Tactus Button Management

Tactus buttons trigger video playback like Proxima tags. The **Tactus Module** (USB receiver) must be plugged in and enabled.

9.1 Understanding Tactus Buttons

Tactus buttons communicate wirelessly with the Tactus Module. Each button has a unique device ID from the pairing console.

Button Licensing: All buttons require a valid license to trigger video playback. Licenses are included with buttons purchased from Didur Labs.

- Unlicensed buttons will not trigger videos
- Each license is tied to a specific button ID
- Contact Didur Labs to purchase additional button licenses (\$100 each)

Supported buttons: Licensed **Tactus buttons** supplied or activated by Didur Labs only.

9.2 Prerequisites

Before using Tactus buttons:

1. **Tactus Module** — USB wireless receiver plugged into the Tap Active Kiosk device
2. **Pairing console** — `http://<device-ip>:8081` (Permit join)
3. **Tactus Module enabled** — **Buttons** tab sidebar -> enable and save

9.3 Checking Button Status

1. Go to **Buttons** tab
2. Check status indicator at top: - **Green** — Connected — listener active - **Yellow** — Connecting... — attempting connection - **Yellow** — Tactus Module disabled — enable in sidebar settings

9.4 Enabling the Tactus Module

1. Go to **Buttons** tab -> **Tactus Module** (sidebar)
2. Enable **Tactus Module**
3. Click **Save Tactus Module Settings** (restarts the player)

9.5 Creating Button Assignments

1. Go to **Buttons** tab
2. Enter the **Button ID** (friendly name from pairing console)
3. Enter an optional **Label** (e.g., "Demo Button 1")
4. Select a **Video** from the picker
5. Click **Save Assignment**

9.6 Finding Button IDs

Method 1: Pairing console

1. Open `http://<device-ip>:8081`
2. Find your button in the device list
3. Note the friendly name — this is the Button ID

Method 2: Daemon log

1. Go to **Monitor** tab -> **Daemon Log**
2. Press a button
3. Look for: `Button press detected: device=<button_id>`

9.7 Testing Button Assignments

From the Buttons tab:

1. Click **Simulate** next to any assignment
2. Video will play on the display

From the Assignment Form:

1. Enter Button ID and/or select Video
2. Click **Simulate Press**

9.8 Button Behavior

Scenario	What Happens
Button pressed, idle state	Video plays immediately
Button pressed during playback	Video queued, position shown
Same button pressed quickly	Ignored (1 second cooldown)
Unassigned button pressed	"No video assigned" message
Video ends, queue empty	Returns to idle display

9.9 Supported Button Actions

Tap Active Kiosk responds to common Tactus button press types:

- `single / single_click` — Single press
- `on / toggle` — Toggle press
- `double_click` — Double press (if supported)
- `hold` — Long press (if supported)

Tip: Most buttons send `single` on a normal press. Assign your video to the main action.

10. System Configuration

10.1 Display Settings

Location: Display tab -> Display Output

Setting	Options	Description
Resolution	Auto, 1080p, 4K	Output resolution

Tip: Use "Auto" unless you have specific requirements.

10.2 Idle Display Settings

Location: Display tab -> Idle Display

Setting	Purpose
Idle Video	Video that loops when no tag is active
Idle Image	Static image fallback

Note: Video takes priority over image. Clear both for black screen.

10.3 Proxima Settings

Location: Tags tab -> **Proxima** (sidebar)

Setting	Default	Purpose
Device Name Hint	(blank)	Filter for specific USB scanner
Scan Cooldown	2.0 sec	Delay before same tag accepted again

When to use Device Name Hint:

- Multiple USB input devices connected
- System picks wrong device
- Enter part of the scanner name (visible in daemon log)

10.4 Saving Settings

After making changes:

1. Click **Save Settings**
 2. Player service restarts automatically
 3. Wait a few seconds for changes to take effect
-

11. Network Management

11.1 Viewing Connection Status

Location: WiFi tab -> WiFi Status

Shows current connection state and network name.

11.2 Scanning for Networks

1. Go to **WiFi** tab
2. Click **Rescan Networks**
3. Wait for scan to complete (10-20 seconds)
4. Available networks appear in list

11.3 Connecting to a Network

1. Find desired network in list
2. Click **Connect**
3. Enter password (if required)
4. Click **Connect**
5. Wait for connection (may take 15-30 seconds)

Important: When connecting to a new network, the device will leave hotspot mode. Make sure you can access the new network!

11.4 Troubleshooting Network Issues

Can't see networks:

- Ensure WiFi hardware is working
- Try rescanning
- Check if in hotspot mode (can't scan while hosting)

Connection fails:

- Verify password is correct
- Check if network is in range
- Some enterprise networks require additional configuration

11.5 Resetting Network Configuration

If the device can't connect to any network:

Using Power Button:

1. Press and hold power button for 5 seconds
2. Countdown appears on screen
3. Release after countdown completes
4. Device clears WiFi settings and reboots
5. Hotspot mode activates

12. User Administration

This section applies to Administrator accounts only.

12.1 User Roles

Role	Can Do
User	Manage media, tags, settings, WiFi
Admin	All user functions + manage users + view audit log

10.2 Creating Users

1. Go to **Users** tab
2. Fill in the form: - **Username:** Unique login name (min 2 chars) - **Password:** Secure password (min 8 chars) - **First/Last Name:** Display name - **Admin:** Check for admin privileges
3. Click **Create User**

10.3 Editing Users

1. Find user in list
2. Click **Edit**
3. Modify fields as needed: - First/Last name - Password (leave blank to keep current) - Admin status
4. Confirm changes

10.4 Deactivating Users

1. Find user in list
2. Click **Deactivate**
3. Confirm the action

Note: Deactivated users cannot log in but their history is preserved. You cannot deactivate your own account.

10.5 Viewing Audit Log

1. Go to **Audit** tab
2. Review list of actions: - Timestamp - Username - Action type - API endpoint - Status code

Use the audit log to:

- Track who made changes
- Investigate issues
- Monitor for unauthorized access

12. Monitoring & Maintenance

12.1 Live Monitor

Location: Monitor tab -> sidebar **System Metrics** (live graphs, services, logs) and main column **Live Monitor / Playback Queue**

Common log entries:

Message	Meaning
RFID reader grabbed: ...	Reader connected successfully

Tag scanned: XXXXXXXX	Tag was detected
Playing: /path/to/video.mp4	Video playback started
Playback complete, returning to idle	Video finished
No video assigned to tag	Unknown tag scanned

12.4 Regular Maintenance

Daily:

- Check system health in admin console
- Verify idle display is showing

Weekly:

- Review audit log for unusual activity
- Check disk space
- Test a few tag assignments

Monthly:

- Clear old/unused media files
- Review user accounts
- Check for software updates

12.5 Software Updates

Location: System tab -> **Software Update** (admin only)

Deployed appliances can install verified releases without USB or SSH:

1. Go to **System** tab
2. Review **Installed** vs **Latest release** version
3. Click **Check for Updates**
4. Enter your admin password and click **Install Update**
5. Wait 2–3 minutes, then reconnect to the admin console

Updates preserve media, tag/button assignments, settings, and your license. Services restart automatically.

SSH (optional):

```
sudo bash /opt/rfid-player/scripts/update-appliance.sh
```

If **update check fails**: the appliance needs internet access to GitHub. Private repos require a read-only token configured by your installer (see [APPLIANCE_SETUP.md](#)).

Update log: `/var/log/rfid-player/update.log`

12.6 Metrics & Reporting

Location: Metrics tab

Tracks physical **Proxima scans** and **Tactus button presses** (simulate actions are not counted):

- Summary cards and by-day breakdown
- Per-tag / per-button totals
- Recent event list
- **Export CSV** (admin) for date-range reporting

Use Metrics after events to report visitor engagement.

13. Troubleshooting

13.1 Display Issues

Black Screen

1. Check display cable connection
2. Verify monitor is powered on
3. Check idle display is configured in Display tab
4. Click "Save Settings" to restart player
5. Check daemon log for errors

Wrong Resolution

1. Go to Display tab -> **Display Output**
2. Select correct resolution
3. Click Save Settings

4. If still wrong, check monitor's native resolution

Video Playback Issues

1. Verify file exists in Library
2. Try re-uploading the file
3. Check file format is supported
4. Try re-encoding to H.264 MP4

13.2 Proxima Module Issues

Tags Not Detected

1. Check reader LED responds to scans
2. Verify reader is connected (check USB)
3. Check daemon log for "RFID reader grabbed"
4. Try different USB port
5. Check Device Name Hint setting

Wrong Video Plays

1. Verify tag UID matches assignment
2. Check for duplicate assignments
3. Re-create the assignment

Tags Ignored

1. Check scan cooldown setting
2. Wait for cooldown period to expire
3. Verify tag is assigned

Cannot Register New Tags

1. Check if you've reached your tag registration limit
2. Delete unused tag assignments to free slots
3. Contact Didur Labs to purchase additional registration packs (\$99 for 50)
4. Consider upgrading to a higher license tier

13.3 Button Issues (Tactus)

Buttons Not Working

1. Verify **Tactus Module** is enabled (Buttons tab sidebar)
2. Check **Tactus Module** is active (Monitor -> System Metrics)
3. Check pairing console connection (Buttons tab status)
4. Verify button is paired via pairing console (:8081)
5. Check daemon log for "Button press detected"

Button Status Shows "Tactus Module Disabled"

1. Go to **Buttons** tab -> enable **Tactus Module** and save
2. Restart the player if needed: `sudo systemctl restart rfid-player`

Button Assigned But No Playback

1. Verify button is licensed (check Buttons tab for license status)
2. Verify button ID matches pairing console device name
3. Check video file exists
4. Use Simulate to test assignment

Button Shows "Unlicensed"

1. Contact Didur Labs to purchase a button license
2. Provide the button ID from the pairing console for activation
3. Only licensed buttons can trigger video playback

Button Presses Ignored

1. Check button cooldown (default 1 second)
2. Verify button action type is supported
3. Check if video is already playing (may be queued)

13.4 Network Issues

Can't Access Admin Console

1. Verify device and your computer are on same network

2. Try hotspot mode (connect to TradeShow-Display)
3. Check firewall settings
4. Verify correct IP address

WiFi Won't Connect

1. Verify password is correct
2. Check signal strength
3. Try rescanning networks
4. Use WiFi reset (5-sec power button hold)

13.5 System Issues

Services Not Running

```
# SSH into device
sudo systemctl restart rfid-player rfid-api
sudo systemctl status rfid-player rfid-api
```

Database Errors

Contact technical support. Do not modify database directly.

Out of Disk Space

1. Delete unused media files
2. Clear old log files: `bash sudo truncate -s 0 /var/log/rfid-player/*.log`

13.7 License & Trial Issues

Trial Expired / Features Locked

1. Go to **License** tab and activate a paid license key
2. If trial just ended, request a key from licensing@tapactivekiosk.com
3. Provide the **Hardware ID** shown on the License tab

License Activation Fails

1. Copy the entire license key (no extra spaces or line breaks)
2. Verify the key matches this appliance's Hardware ID (if hardware-locked)

3. Check internet connection if online validation is required
4. View API log for activation errors

Tag or Button Limit Reached

1. Delete unused assignments to free slots
2. Upgrade license tier or purchase add-on packs via Didur Labs
3. Check License tab for current limits

13.8 Software Update Issues

"Could not reach update server"

1. Confirm the appliance has internet access
2. Try **WiFi** tab or venue Ethernet
3. For private GitHub repos, verify update token is installed (contact your deploy team)

Update Starts Then Admin UI Won't Load

1. Wait 3–5 minutes — services are restarting
2. Refresh the browser or reconnect to the device IP
3. SSH: `sudo systemctl status rfid-api rfid-player`
4. Check `/var/log/rfid-player/update.log`

"Checksum verification failed"

1. Do not retry repeatedly — contact support
2. Note the version you attempted and send update log excerpt

13.9 HTTPS & Admin Console Access

Certificate Warnings in Browser

1. Expected with the default self-signed certificate
2. Upload your own certificate on **Branding** -> TLS settings (admin)
3. Or proceed past the browser warning on a trusted local network

Can't Open Admin on HTTPS

1. Try `http://<device-ip>:8080` as fallback
2. Check **Branding** -> TLS — HTTP may be disabled if HTTPS-only was enabled
3. Restart API: `sudo systemctl restart rfid-api`

13.10 Factory Reset & Recovery

Full Factory Reset (Admin -> System)

- Wipes **everything** including license, media, tags, users, branding
- Recreates default **admin / admin** login
- Type `RESET` and enter admin password to confirm

Reset Content (Keep License)

- Clears media, assignments, users, branding, logs
- **Preserves** activated license key

Forgot Admin Password

1. SSH or local terminal on the appliance
2. Edit `/etc/rfid-player/env` and set `ADMIN_PASSWORD=newpassword`
3. `sudo systemctl restart rfid-api`
4. Log in with the new password

If user accounts still block login, contact Didur Labs or use factory reset as last resort.

WiFi Reset (No SSH Needed)

- **Hold the physical power button 5 seconds** — device reboots into hotspot mode
- Connect to `TradeShow-Display / setup1234` and reconfigure WiFi

13.11 Getting Help

If issues persist:

1. Check daemon, API, and update logs (Appendix E)
2. Note exact error messages and steps to reproduce
3. Export Metrics CSV if the issue involves scan/button counts
4. Contact Didur Labs support (Appendix F)

14. Safety & Security

14.1 Physical Safety

- **Warning:** Do not open device enclosure
- **Warning:** Keep ventilation clear
- **Warning:** Use appropriate power supply
- **Warning:** Avoid liquid exposure

14.2 Account Security

- Change default passwords immediately
- Use strong passwords (8+ characters, mixed types)
- Don't share credentials
- Deactivate unused accounts
- Review audit log regularly

14.3 Network Security

- Connect to trusted networks only
- Change hotspot password before deployment
- Consider using static IP
- Use firewall if exposed to internet

14.4 Content Security

- Only upload authorized content
- Review YouTube downloads before assigning
- Remove outdated content promptly
- Back up important media files

15. Appendices

Appendix A: Keyboard Shortcuts

The system is designed for touchless operation via Proxima tags and Tactus buttons only.

Appendix B: Default Settings

Setting	Default Value
Admin Username	admin
Admin Password	admin
Hotspot SSID	TradeShow-Display
Hotspot Password	setup1234
Scan Cooldown	2.0 seconds
Display Resolution	Auto
Session Timeout	24 hours

Appendix C: File Size Limits

Operation	Limit
Upload	Limited by available disk space
YouTube Download	10 minute timeout
Thumbnail Generation	60 second timeout

Appendix D: Admin Console URLs

Access	URL
HTTP (default)	<code>http://<device-ip>:8080</code>
HTTPS (self-signed or custom cert)	<code>https://<device-ip></code>

Hotspot (first boot)	http://192.168.4.1:8080 or https://192.168.4.1
Tactus pairing console	http://<device-ip>:8081

Configure HTTPS and certificates on **Branding** tab (admin).

Appendix E: Log File Locations

Log	Path
Daemon	/var/log/rfid-player/daemon.log
API	/var/log/rfid-player/api.log
WiFi	/var/log/rfid-player/wifi.log
WiFi Reset	/var/log/rfid-player/wifi-reset.log
Software Update	/var/log/rfid-player/update.log

Appendix F: Contact Information

Didur Labs LLC — Tap Active Kiosk

Purpose	Contact
Sales	sales@tapactivekiosk.com
Licensing	licensing@tapactivekiosk.com
Website	tapactivekiosk.com

Include your **Hardware ID** (License tab), software version (system -> Software Update), and relevant log excerpts when requesting support.

End of User Manual