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# **Application Guide**

# Media WiFi Router-Platform-Portal Tool



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#### **Revision History**

Updates between document versions are cumulative. Therefore, the latest document version contains all updates made to previous versions.

Doc Version	Product	Release Data	Details
V1.0	Media WiFi Router	2018.01.09	First Release

# **1** Overview

Hongdian Media WiFi Router is the WiFi hotspot product providing local media (or portal) and Internet surfing with 3G/4G or Ethernet connection. The product model includes H9303, H9350 and etc.

The Media WiFi Platform (also called FreeWiFi Platfom) is for remote monitoring and managing Hongdian Media WiFi Router.

This article introduces portal-tool of the FreeWiFi Platform, which provides the visual portal update for the platform administrator, and shows how to update the local resource of the WiFi Router including the advertisement, media pushing, and etc.

## **2** Description

## 2.1 FreeWiFi Portal Tool

After you have installed the freewifi platform (platform version 6.2 or higher) on your CentOS server, you can visit the platform URL to access the portal tool web page.

Generally, the platform management page login URL is "Server IP:port/freewifi", while portal tool page login URL is "Server IP:port/portal-tool", such as below.

#### Media WiFi Platform Page

47.88.138.97:8080/freewifi/		
	Login	
	2	
	Login © Copyright(c)2018 Media WIFI Platform	



#### **Portal Tool Page**

ţ	① 不安全   47.88.138.97:8080/portal-tool/#!content-update	7 1
	WIEIM	
	Portal Management Tool	
	Name: admin	
	Password:	

Please use platform admin account login, password is the same with Media WiFi Platform.

## 2.2 Edit Portal Contents

#### 2.2.1 Content Update

1. Visit the portal tool URL "Server IP:port/portal-tool", such as http://47.88.138.97:8080/portal-tool, use platform's admin account login

Portal	Management Tool
🔔 Name:	admin
🔂 Password:	
	LOGIN

2. Select a group, and then click the contents for editing, such as add/change/delete a movie content.

Pack Up	portalManager / Content Upd	ate			
Content Update	Edit Content	- <u></u>			
Ad Update	AllGroup China Test Gro	oup Wgi Group Use	r Group Utest02		
Release Manage	Portal Menu	1	+ Add search		Search
	Home			BBC, Africa1	
	A&V	-	ALT N ATTACT	BBC,Africa1	
	Variety			2 🔟 🔸	*
	Movie			BBC, Africa2	
				BBC,Africa2	
	Comedy		State of Long State	2 🔟 🔸	<b>^</b>
	Music				
			and the second second	BBC, Africa3	
	Travel	Τ		BBC,Africa3	
				2 🔟 🔸	<b>↑</b>
			A star	BBC, Africa4	
			All and a state of the	BBC,Africa4	
			Teller and the transfer has	0 11 4	•

3. If we click "Add", we can add a move named "BBC,Africa6", as below, and upload a jpg picture and a mp4 video. Here make sure the picture's size is correct. Please view "Media Format" section for help.
 C © freewifi.hongdian.com.8080/portal-too/index.html#

Porta	l Management Tool		Add Contents	د
Pack Up	portalManager / Content Update		Title:	BBC Africa6
Content Update	Edit Content		D(i	
Ad Update	AllGroup China Test Group	Wgi Group User Group Utest02	i v synopsis:	bbc,Airicae for testing
] Release Manage	Portal Menu	+ Add		
	Home	2003		
	A&V			
	Variety			
	Movie	Home Pre		
	Comedy		Picture:	■ 2015111419415598.jpg
	Music			File type only support the extension of jpg, png, bmp.
	Travel	+	Author:	Portal-Tool Guide
			Video:	■ 008.mp4 E∋Reelect ×Delete
				Ok Cancle

4. After uploading success





5. Click "Preview", to view the effect, and click "Pack" to pack up it.

📳 Content Update	Portal Menu		+ Add search	Search
🖵 Ad Update	Home			BBC,Africa 6
🔟 Release Manage	A&V	-		BBC,Africa 6 for testing
	Variety			2 • •
	Movie		LIN, MAL	BBC,Africa1 BBC,Africa1
	Comedy Music			2 🔟 🔸 🛧
	Travel	+		BBC,Africa2 BBC,Africa2
			and the second	2 🔟 🔸 🛧
				BBC.Africa3
	1 1		N MI	BBC,Africa3
	Preview Pack			2 🔟 🔸 🛧

#### Preview is as below:

Portal N	Management Tool		
	portalManager / Content Updat	e	
Jpdate	Portal Menu		Search Search
te	Home		News Video Travel Internet
Manage	A&V	-	
	Variety		
	Movie		MacBook
	Comedy		Variety Movie Comedy Music
	Music		- Standing in the second
	Travel	+	BBC Africa6 BBC Africa1
	Preview Pack		

**6.** After packed up it, enter "Release Manage", select the group, you can view the portal package for downloading or pushing.

E Pack Up	portalManager / Release Manage
📳 Content Update	Manage Release
🖵 Ad Update	AllGroup China Test Group Wgi Group User Group Utest02
Release Manage	<b>⊉Publish</b> search Search
	portal_03_180112142611.tar.bz2     Portal V1.0.1



#### 2.2.2 Advertisement Update

This part is for the advantisement updating, and the operation steps is similar with 2.2.1.

1. Enter "Ad Update" panel and select a group. You can add/delete/modify the advertisement

Pack Up	portalManager / Ad Update		
Content Update	Edit Advertisement		
Ad Update	AllGroup China Test Group	gi Group User Group Utest02	
Release Manage	Portal Menu	+Add	
	Logo		News_TopAd_1
	Full	and the second of the	2 🔟 🔸 🛧
	Home	-	News TopAd 2
	Top Middle	In Patronath h	<b>∠</b> <sup>™</sup> ↓ ↑
	News	-	News_TopAd_3
	Headline	- Churrentleh	2 🔟 🔸 🛧
	A8(V	+	
		1	

2. Such as click "add" to add an item named "News\_TopAd\_4" as below.

Porta	l Management Tool			Add Advertise	ment	×
Pack Up	portalManager / Ad Update			Title:	News_TopAd_4	
Content Update	Edit Advertisement			<u> </u>	New York J. M. Trading	
Ad Update	AllGroup China Test Gro	up Wgi Group Usi	er Group Utest02	summary:	News_topAd_4 for testing	
Release Manage	Portal Menu		₩Add			
	Logo		100			
	Full		A State of the second			
	Home	-				
	Тор		A Barrow			
	Middle					
	News		100	Link:	http://bing.com	
	Headline		a di di California	Picture:	Cd2c4bfeb4386699-ac5e1 BReelect *Delete	
	A&V	+				
	Internet	+				
	Travel	+				Ok Cancle

- 3. Click "Preview", to view the effect, and click "Pack" to pack up it.
- 4. After packed up it, enter "Release Manage", select the group, you can view the portal package for downloading or pushing.

Application Guide - Media WiFi Router-Platform-Portal Tool						
🚈 Pack Up	portalManager / Release Manage					
📳 Content Update	Manage Release					
🖵 Ad Update	AllGroup China Test Group Wgi Group User Group Utest02					
🔲 Release Manage	<b>▲</b> Publish search Search					
	20 martal 02 100110142011 tax h=2					
	Portal V1.0.1					
	± 0					

## 2.3 Update Portal

#### 2.3.1 Local Replacing

1. Download the portal package.



2. Extract the "portal\_03\_180112142611.tar.bz2" to a folder as below.

软	:件 (D:)	► Dov	vnloads 🕨 po	rtal_03_18011214	2611 🕨		
ln -							
٩٢.							
				N			
ary	•	Share	with 🔻 🛛 Bu	rn New fold	der		
	m						
	16		(E)		(E)		
	10		A R Day	A R Party of the second s	A R Part	A CONTRACTOR OF A CONTRACTOR OFTA CONTRACTOR O	
	adver	tisem	common	homePage	travel	video	
	er	nt					

**3.** If pack up error, the foder would be empty. As below, the portal which size is 7.25KB, may be packed up error. It is mainly because the pictures (and etc) are not meet the format.

Applic	ation Guide - Media WiFi Router-Platform-Portal Tool	
•	portal_03_180112154820.tar.bz2	Size:1.96MB
	± 0	CreateTime:2018-01-12 15:48:21
° 🛅	portal_03_180112152000.tar.bz2 Portal V1.0.1	Size:7.25KB
	± 🔟	CreateTime:2018-01-12 15:20:01

## 2.3.2 Remote Pushing

1. Enter the Release Manage Page, select a group, select the package to publish as below.

Portal	Management Tool					
Pack Up	portalManager / Release Manage					
Content Update	Manage Release					
Ad Update	AllGroup China TestGroup WgiGroup UserGroup Utest02 Bangladesh					
Release Manage	telease Manage Search Search					
	portal_03_180122154932.tar.bz2 20180122	Size:1.95MB				
	± 0	CreateTime:2018-01-22 15:49:32				

2. It shows the tips to publish to Wgi Group as below.

Portal	Management Tool			
Up	portalManager / Release I	Release content(951722864324706306)	×	
nt Update	AllGroup China Te	Make sure to publish content toWgiGroup ?		
date	<b>土</b> Publish search			
se Manage	o portal_ 03		Ok Cancle	Size:1.96MB
	*	0		CreateTime:2018-01-12 15:49:47

**3.** Turn to Media WiFi Platfrom for checking. Login with the group manager account. http://47.88.138.97:8080/freewifi/exitView.hd

Application Guide - Media WiFi Route	r-Platform-Portal Tool	
× C Media WiFi Platform ×		
47.88.138.97:8080/freewifi/exitView.hd		
	Login   Login Copyright[c]2018 Media WIFI Platform	

4. The portal can be shown in "Resource Management", as below. It can be pushed to the terminal by the platform.

← → C (0 47.88.138.97.8080/freewifi/index.html# *											☆ 😳				
	Media WiFi v6.2.0		🕒 Statistics 🛛 🚌 M	lonitor	a a Busi	ness 📮	System						🤱 wgite	A 4	
-	Task Manage	Q Search Platform resource 🔻 O Add 🕼 Edit 🔋 Delete U Related Route 🙂 Cancel Relevance								e 🔅 Set Peak Period					
0.1	Resource Manage			Name	Resource V	Resource	P Upload Tim	Туре	Reliant Vers	Size	Remarks	Peak Enable	Concurrent	Max Concu	Status
				portal_03_180122154932.tar.bz2	1.0.0	/mnt/web0/	2018-01-22 16	Others		1.95 MB	20180122	1		1000	× .
•	Resource Recycle			Group	Device Reco	rds Canc	el Relevance								
-	Course Manager			WgiGroup	0		U								
-	server manage			🔍 🔇   Pag	e 1 of 1 (	> >>	1~1of 1								
		Π.	H 2	0180109173525 hdsvs H9303 inc	100	1	2018-01-09 17	Others		25.88 KB				0	×

5. When the terminals of the group are online, the platform will push the update resource to the terminals. We can click "Task Manager" to view the total task status.

<	· → G 0 47.88.158.97:	susu/freewitt/ind	dex.ntmi#									∀
	Media WiFi v6.2.0	Ŀ	Statistics	🚌 Monitor	🙃 Business	📮 System					<b>&amp;</b> ••	gitel 🧏 🜗
ľ	🛛 Task Manage 🚽		Resourc	ce Interaction Stat	tistics(6 Times)			Server D	ownload	Distribution(6	5 Times)	
927	Resource Manage				lating Failing							
(((•	Resource Recycle				Panure							
	Server Manage	<ul> <li>Updating</li> <li>Waiting</li> <li>Failure</li> <li>Success</li> </ul>	Succ	ess			- Content Service					
		Current Ta	sk History	/ Task							Platfo	m resource 🔻
		Q Search	h					Waiting: 0	Updati	ng: 0	1	Delete
				Resource Name	To	tal/Success/Failed	Last Time	Waiting	Updating		Server	

**6.** The pushing will not start if there is no terminal online, as below. If your task status also shows empty, please make sure the terminals are available and online.

#### Application Guide - Media WiFi Router-Platform-Portal Tool

	Resource Interaction Sta	tistics(6 Times)		Server Download Distribution	on(6 Times)
Updating Walting Failure	Success	stating Valing Failure	<ul> <li>Content Servic</li> </ul>		
	History Task				Platform reso
Current Task	Thistory Tusk				
Current Task				Waiting: 0 Updating: 0	🔒 Delet

## **3 Media Format**

1. Please read "Media WiFi Router Resource Requirement Details.xlsx" for the media format settings of the portal, including pictures, audios and videos.

3	) 🖬 🤊 - (* - ) =		Media WiFi Router	r Resource Requirement Details.xlsx - Micro	soft Excel		- • ×
9	开始 插入 耳	页面布局 公式 数据 审例	利 祝園 开发工具				🔘 🗕 🖷 🤉
_	C16 🗸 🕤	f≈ 480P(512KBps)					
	٨	В	С	D	E	F	G
1	Resource Type					AD Inage	
2	Description	Full AD	Home Horizon AD	Home Vertical AD	News Top AD	Variety Top AD	Movie Top AD
3	Pixel	640*960	640*284	282*330	640*284	640*284	640*284
4	Inage Fornat	jpg	jpg	jps	jpg	jpg	jpg
5	Taage Deno		FUN PASS ON PASS ALL PAR		Mana and the h	:	San
6	Indge Deno						
7	Resource Type			Video Inage			
8	Description	Variety	Novie	Conedy	Music		
9	Pixel	236*157	236*157	236*157	308*180		
.0	Inage Fornat	jpg	jpg	jpg	jpg		
1	Table Deno	Óè					
2	Inage Deno						
3	Resource Type			Video Resource			
4	Description	Variety	Movie	Conedy	Music		
.5	Video Format	np4	104	np4	np3		
.6	Video Resolution	480P(512KBps)	480P(512KBps)	480P(512KBps)	Null		
.7	Video Compression	Mode AVC(H264)	AVC (H264)	AVC (H264)	Null		
.8	Audio Fornat	AAC	AAC	AAC	Null		
.9	Audio Bit Rate	128KBps	128KBps	128KBps	Null		





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