东莞泰克威科技有限公司
POWER 7 TECHNOLOGY Co., Ltd.

Wi-Fi SD Card reader
(MediaShare Wireless Mini,49160)
Datasheet

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Introduction

Power 7 WiFi Micro SD device (Model Name: MediaShare Wireless mini,49160) is a portable wireless storage device with one Micro SD slot. MediaShare Wireless mini allows you to convert Micro SD memory card into a WiFi accessible media. Powered by build in 740mAH battery, you can now wirelessly access your videos, music, photos, data and stream it to your iPad®, iPhone®, tablets, smartphones, and notebooks upto 3 hours. There is no need to worry about running out of space on your mobile devices. Without the wired limitation, you can enjoy listening to music while travelling with MediaShare Wireless mini in your backpack, share photo with your family by placing it at any house corner or lay back watching movies in the beach – with a range of up to 150ft you'll never feel tethered to your MediaShare Wireless mini. Best of all, the MediaShare Wireless mini can bridge the Internet connection to your existing wireless router, so you may access the data in the storage while surfing the Internet simultaneously. Also it can work as a USB micro SD card reader to accessing on computer.

MediaShare Wireless mini

Target Users/Markets

- **Mobile Device User**

iPhone®, iPad®, smartphone, tablet or notebook user may unleash from very limited storage capacity by throwing large files such as movies, music or PowerPoint files to MediaShare Wireless mini.

- **Frequent Business Traveler**

Businessman may show customer the product datasheet, contract or quotation in MediaShare Wireless mini anytime in the coffee shop, meeting room or hotel.

- **Movies & Music Download Mania**

Have already downloaded hundreds or thousands of movies, music by BitTorrent at home but you cannot enjoy watching or listening to them while you are outside? MediaShare Wireless mini is the solution for you.

- **Salesman**

MediaShare Wireless mini may save mobile sales person like insurance broker, realty broker from carrying bulky brochure or flyers.

Features

- **File and System Manager App**

Two way file transferring between MediaShare Wireless mini and your iPhone®, iPad®, smartphone, tablet or computer with Wi-Fi connectivity (802.11 b/g/n). Available iOS and Android mobile app with search utility function to find and locate specific data file.

- **Bridge to Internet Access**

By pass your Internet access to your existing WiFi router, so you may access any data in the SD while surfing the Internet simultaneously.

- **USB Card Reader or Wireless Card Reader**

Simply insert MediaShare Wireless mini into USB Port of PC, and then it will function as a USB Card Reader, powered by bulid in battery, it will function as a portable wireless card reader

- **Share with Friends & Family**

Allow 5 maximum concurrent connections for sharing videos, audios, photos and data.

- **Extended Battery Life**

Up to 3 hours of continuous use battery life for maximum portability.

- **Easy to Configure and Operate**

Friendly user interface design with wizard guide to assure even the novice can get AirPocket+ start to operate in minutes.

Applications

- **Connect to the USB Port**

Scenario 1 – Simply connect to the USB port of notebook, MediaShare Wireless mini works solely as an Micro SD reader when you switch MediaShare Wireless mini to Card-reader Mode.

MediaShare Wireless mini works as a USB Card Reader

Scenario 2 – AirPocket+ works solely as a wireless Card Reader while you switch MediaShare Wireless mini to WiFi mode.

MediaShare Wireless mini works as a Wireless Card Reader

- **Bridge to Internet Access**

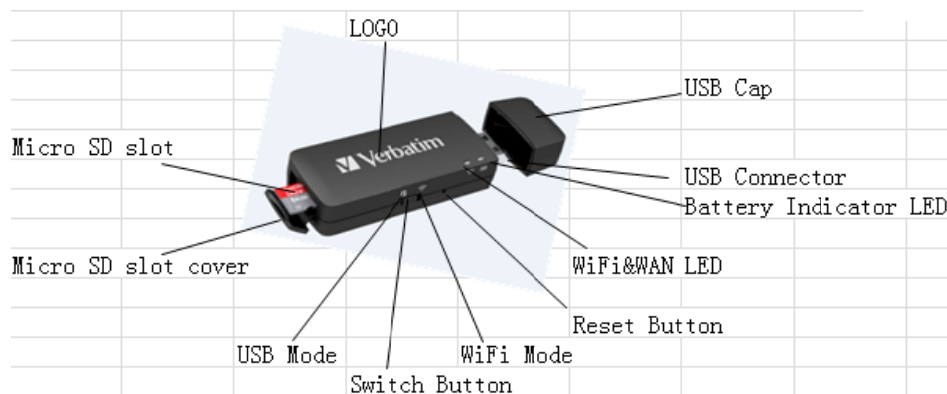**Scenario - If you got an existing WiFi router for Internet access**

Wirelessly Bridge to Internet Access

Hardware Specifications

Product name	Wi-Fi SD Card Reader	
Model name	MediaShare Wireless Mini,49160	
CPU	Model	MT 7688AN
	Frequency	MIPS24KEc 580MHZ
Flash	Model	EN25Q64
	Capacity	8MByte SPI flash
SDRAM	Capacity	DDRII 64MB (512Mbit)
WiFi	standard	802.11 b/g/n
	Frequency	2.4GHz
	Antenna Array	1T1R

	Signal strength	0.5dBi (WiFi component) 14dBm (Main chip)
	Speed	72Mbps for 20MHz 150Mbps for 40MHz
Interface	Battery LED(Green/Red)	Green on: Charging Red on: Low battery
	WiFi LED (Blue)/ Internet LED (Green)	In WiFi mode, LED shows the system state: Blue blinking: Kernel loading in process Blue on: System initiation completes Green on : Internet is connected successfully
	Micro SD card slot	Support MicroSD/SDHC,SDXC upto 2TB
	Reset button	Factory default reset button
Environmental requirements	• Operating Temperature: 5°C to 35°C • Non-Operating Temperature: 0°C to 60°C • Operating Humidity: 5% to 90% (Non-condensing) • Non-operating Humidity: 5% ~ 90 % (Non-condensing)	
Product dimension	78mm L x 27mm W x 14.2mm H	
Emission (EMI), Safety & Other Certifications	• FCC Class B • CE	

Interface illustration

MediaShare Wireless mini Interface Illustration

Software Specifications

System setting	Language selection	To select your native languages
	Firmware upgrade	Automatically upgrade firmware
	Configuration setting	To backup and retrieve system configuration setting
	Factory default setting restore	To restore default system setting originated in factory production
File system	FAT16/FAT32	A) Support Microsoft Windows FAT16/FAT32/exFAT file system B) Application tools: FAT file system inspection and repair tool
	exFAT(Optional)	Both support Microsoft and Mac® OS file system
File service	CIFS protocol	Provide shared services to files and printers for clients on Microsoft Windows Network
	Samba service	Provide shared services to files and printers for clients on Microsoft Windows Network and Unix-Like Network
	DLNA	Provide DLNA server (DMS)
HTTP(S) service	OS	A build-in browser which support common operation system such as Windows, Linux, Mac® OS and smart terminal for easy management
	WebDAV protocol	Makes the Web a readable and writable medium which allow users to edit and manage documents and files stored on World Wide Web servers
Access control	Password protection	A) WiFi access control: • None • WPA • WPA2 • WPA&WPA2 B) WEB access control • Password login C) Samba access control • Password login Default security: A) Authentication needed with password 11111111 B) No authentication

		C) No authentication
		Connecting Ways(Optional):
		A) NFC authentication
		B) QR Code authentication
Network Management	WiFi setting	A) WiFi login history cache
		B) WiFi auto login
		A) Available wireless networks display
	LAN side setting	A) IP setting
		B) Subnet mask setting
		C) DHCP server setting
		D) Default gateway setting
		E) Default DNS setting
Application software	Client	A) Windows XP/2003/Vista/7/8, Linux, Unix, Mac®
		B) Android: tablet, smartphone
		C) iOS: iPad®, iPhone®
		D) WP: Window Phone
File Formats	iOS Client	A) Audio：Support formats of *MP3、AAC、m4a、wav、aiff*
		B) Video：Support formats of *AVI ,M4V,MKV,MP4,MPG,RMVB,RM, WMV,3GP,MOV,TS*
		C) Photo：Support formats of *jpg、tiff、bmp,gif(image)*
		D) Document：Support formats of *keynote、numbers、page、excel、word、pdf、txt、ppt*
	Android Client	A) Audio: Support formats of *MP3* only at present
		B) Video：*AVI ,M4V,MKV,MP4,MPG,RMVB,RM, WMV,3GP,MOV,TS*
		C) Photo: Support formats of.*jpg、.png*
		D) Document：Support formats of *txt、word、excel、ppt and pdf*

File & System Manager App

- Support remote access for controlling and documents accessing.
- The main interface have Media sort by video,photo,music and documents
- Support search function based on media type
- File management interface supports list / thumbnail view , support pictures and

documents sharing
- Support copy/delete/create function and support local/Wi-Fi Storage data transmission in /between
- Playing music/video/photos by iPhone®, iPad® and tablet and smartphone (JPG, mp3, mp4, decoding ability more dependent on the system, file format depend on the player software installed on you device, Power7 suggest to use RockPlayer/Mobo Player on the Android and Oplayer/GoodPlayer on iOS).
- Support the operation of long-pressing the file to invoke the third-party player
- Support to play the photos by filmstrip mode and support background music playing
- Support video drag and play
- Support music artwork shows, circulation play set, drag operation
- Support email to send out pictures/documents
- Support network and device's parameters setting
- Transfer videos and photos from and to the iPhone®, iPad® to Stone
- Support DLNA/ Chromecast and Airsplay(iOS only) for pushing screen to TV.
- Support NFC Tag (Android only)
- Support QR code scanning to connect wifi (Android only)
- Support folder sync with dropbox

System Requirements

- iPhone®, iPad®, smartphone, tablet or computer with Wi-Fi connectivity (802.11 b/g/n)
- Mac® or PC computer running Windows 8, Windows 7, Windows Vista, Windows XP or Mac OS X 10.6.0 or later operating system for loading media on to AirPocket+ via USB

Client Tools

- ■ **Computer Client Tool**
- Auto search and access the MediaShare Wireless mini on WLAN
- Supports Windows XP/2003Vista/7/8 and Mac® iOS operation system
- ■ **Mobile Application Tool**
- Supports iOS (iPhone® and iPad®) and Android (smartphone and tablet)
- Stream audios and videos and view photos from the MediaShare Wireless mini

It Unifies Your Family with Recreation

Share music, photo and video files as well as data files with family and friends anywhere.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This device complies with FCC SAR exposure limits set forth for an uncontrolled environment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Canada Statement

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage;
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.