

Title:	DS-PHA How to Upgrade Wireless Receiver by RS232	Version:	v1.0	Date:	12/16/2019
	Cable				
Product:	DS-PHA Series Hybrid Security Control Panel			Page:	1 of 6

Preparation

- 1. Wireless Receiver DS-PM-RSWR
- 2. RS232 serial port cable
- 3. Software SecureCRT and TFTP (/20 Alarm/Hikvision/11 Installation&How to/Tool/)
- 4. Firmware APS_PM_RSWR_GML_STD_V2.0.0_build190801

How to Upgrade Wireless Receiver by RS232 Cable

To support DS-PHA Series Hybrid Security Control Panel, the Wireless Receiver need upgrade to newest firmware upgraded by RS232 cable.

1. Connect laptop USB port with Wireless Output Expander by RS232 cable.





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2. Check the COM port in computer's device management.





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3. Open SecureCRT and configure below parameters.

Protocol:	Serial	•
P <u>o</u> rt:	COM8 👻	Flow Control
Baud rate:	115200 👻	DTR/DSR
<u>D</u> ata bits:	8 🔻	
P <u>a</u> rity:	None 💌	
Stop bits:	1 •	
Sho <u>w</u> quick	connect on startup	☑ Save session □ Open in a tab

4. Press U within 5 seconds. And Input 1 for update firmware. It will show Waiting for the file to be sent:

	==
= (C) COPYRIGHT 2016 Hangzhou Hikvision Digital Technology Co.,Ltd	=
=	=
= STM32F09XX Update Application	=
=	=
= Version 1.1 build20180416	=
	==
Please Input 'u' in 5 SEC For Update The Soft Or It Will Jump To User Application 5 SEC Later	
uuuuuuuuuuuuuuuuuuuuuuuuuuuuPCB:9567 addr:2 ======== Admin Mode =========	
======================================	
Erase Update Image Flage	
Invalid Number ! ==> The number should be either 1, 2 or e	



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5. Choose "Send Yomdem" as shown in below image.

📠 serial-com3 - SecureCRT					
File Edit View Options Tr	ansfer Script Tools Wine	dow Help			
🖏 🖏 🗔 🖏 🔊 🐁 🛝	Send ASCII	I III			
< serial-com 3 🗙	Receive ASCII				
addr:2	Send Binary				
	Send Xmodem				
= (C) COPYRIGHT 2	Receive Xmodem	ion Digital Technology Co. 1td	==		
	Send Ymodem	ton Digital recimology co., Eta	=		
-	Receive Vmodem	Application	=		
-			=		
=	Zmodem Upload List	Version 1.1 build20180416	=		
	Start Zmodem Upload		==		
Please input u	To Uson Applicat	paate ine Soft			
OF IC WIII Jump	TO USER Applicat	ION 5 SEC Later			
	Main Menu ======				
Download Image To	the STM32F0xx F1	ash And Update 1			
		2			
Execute the Old P	rogram	2			
Invalid Number ! ==	> The number shou	ld be either 1 or 2			
Transferring , erro	rs 11Press Ctr	l+C to cancel.			
Uniting Comptee Cit					
cccccccccccccccccccccccccccccccccccccc	e to be sent				

6. Choose Firmware and Add to transfer list, and Click OK to start transfer.

Le Select Files to	o Send using Ymodem		×
查找范围(<u>l</u>):	BS-PM-RSWR	✓ 🧿 🌶 🔛 🕶	
名称	^	修改日期	类型
APS_PM_RSV	WR_GML_STD_V2.0.0_build190801	2019/8/1 10:34	BIN 文件
APS_PM_RSV	VR_GML_STD_V2.0.0_build190801	2019/8/1 21:13	WinRAR ZIP 压缩文件
<			>
文件名(<u>N</u>):	APS_PM_RSWR_GML_STD_V2.0.0_k	ouild190801	<u>A</u> dd
文件类型(I):	All Files (*.*)		\sim
Files to send: D:\20 Alarm\Hikvisio	n\04 Firmware\Hybrid Security Control P CII	Remove Cancel	



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7. It will upgrade automatically after transfer finished. When showing Hik Host Flash Adrr=0x8030000 RC=0, means upgrade finished.



8. Power off Wireless Output Expander, and then power on to check the version.

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- (C) COPTRIGHT	2019 Hangzhoù Hikvision Digitai Technology co.	
=	ALARM HOST	=
= = =	VERSION: DS-PM-RSWR VER2.0-2019.8.1 By Alarm Production Team	=
Wireless Flash I detector: 1.0x8 0 0 7.0x802c800 x802e000 0 0	nit Data:(Addr Num RC) 0298b8 5 1680 2.0x802a000 0 0 3.0x802a800 0 0 0 0 0 8.0x802d000 0 0 relay: 9.0x802e800 0 0 10	4.0x802b000 0 0 5.0x802b800 0 0 6.0x 0.0x802f000 0 0 siren: 11.0x802d800 0
P Host Flash Adr	r=0x802f800 RC=0	
Hik Host Flash A	drr=0x8030000 RC=0	
FrontTamper chan	ge!!, ucModuleState=2	



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