

Title:	How to Upgrade Emergency alarm station by RS232	Version:	v1.0	Date:	11/07/2018
	Cable				
Product:	DS-PEA Series Emergency Alarm Device			Page:	1 of 7

Preparation

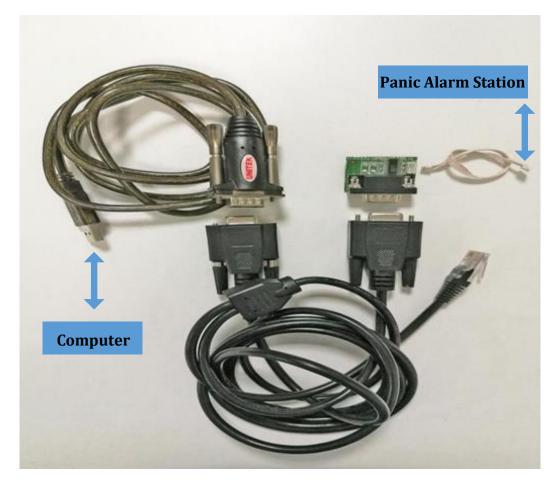
- 1. DS-PEA1-21 Panic Alarm Station
- 2. RS232 serial port cable
- 3. Software SecureCRT and TFTP

How to Upgrade Emergency alarm station by RS232 Cable

When Panic Alarm Station can't be searched in SADP, can't ping IP successfully or the device is crashed. In this situation, security control panel need to be upgraded by RS232 cable.

Important Note: Computer must close the firewall.

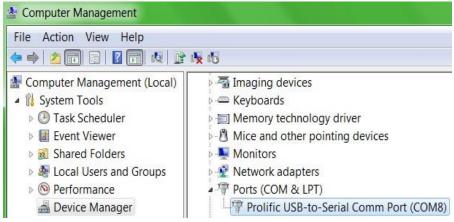
1. Connect laptop USB port with Panic Alarm Station by RS232 cable.



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



3. Open SecureCRT and configure below parameters.

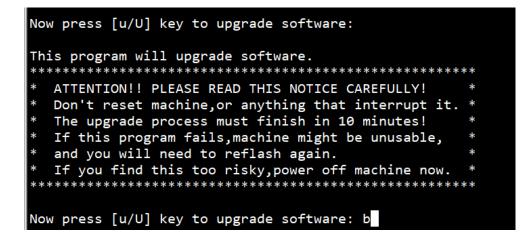
protocol:	Serial	•
P <u>o</u> rt:	COM8 -	Flow Control
Baud rate:	115200 👻	DIR/DSR
<u>)</u> ata bits:	8 🔹	RTS/CTS
P <u>a</u> rity:	None 👻	
Stop bits:	1 -	
Sho <u>w</u> quick	connect on startup	☑ Save session □ Open in a tab

4. Hold down the Enter key when the Panic Alarm station power on.



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	Hit any key to stop autoboot: 0 This program will upgrade software ************************************	************ TICE CAREFULI that interry in 10 minuto ight be unusa ain. r off machino *****	LY! * upt it. * es! * able, * * e now. *		
	This program will upgrade software ************************************	************* TICE CAREFULI that interry in 10 minuto ight be unusa ain. r off machino	LY! * upt it. * es! * able, * *		
	Now press [u/U] key to upgrade sof	tware:			

5. Enter **b**.

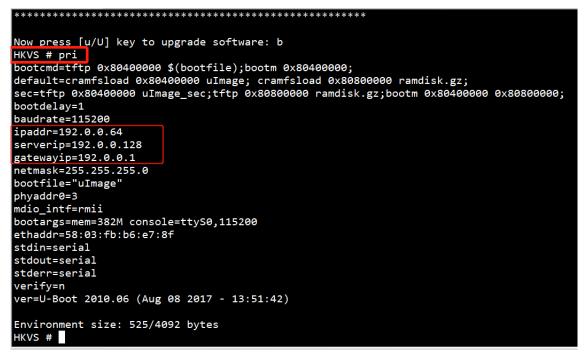


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6. Then enter pri, check device start IP network environment.



7. Change device IP network environment during upgrade time.(address set depend on your network environment)

setenv serverip 10.9.98.35; setenv ipaddr 10.9.98.20; setenv gatewayip 10.9.98.254

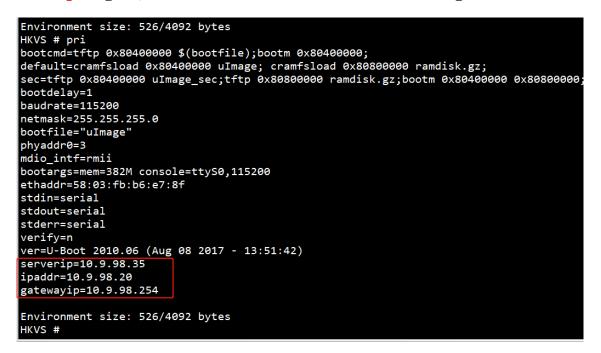
-- serverip :PC IP address-- ipaddr :Device IP address-- gatewayip :Gateway address





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8. Enter pri again, check these IP address have been changed.



9. Enter ping 10.9.98.35, check device and PC is connected.

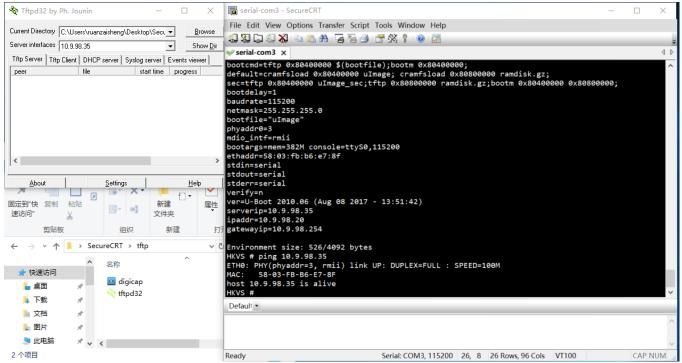
Host 10.9.98.35 is alive means connection is ok.

```
phyaddr0=3
mdio_intf=rmii
bootargs=mem=382M console=ttyS0,115200
ethaddr=58:03:fb:b6:e7:8f
stdin=serial
stdout=serial
stderr=serial
verify=n
ver=U-Boot 2010.06 (Aug 08 2017 - 13:51:42)
serverip=10.9.98.35
ipaddr=10.9.98.20
gatewayip=10.9.98.254
Environment size: 526/4092 bytes
HKVS # ping 10.9.98.35
ETH0: PHY(phyaddr=3, rmii) link UP: DUPLEX=FULL : SPEED=100M
MAC: 58-03-FB-B6-E7-8F
host 10.9.98.35 is alive
HKVS #
```



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10. Copy firmware to the tftp catalog, then open tftp.



11. Enter update.

🏘 Tftpd32 by Ph. Jounin	_		🕞 serial-com3 - SecureCRT	_		\times
A			File Edit View Options Transfer Script Tools Window Help			
to 10.9.98.20	X Seci 💌	Browse	- 3 3 口 4 3 🛯 🖻 8 8 日 5 3 🗇 🐨 🛠 🕇 💿 📓			
File size : 7118972 4889908 Bytes sent 81498	4 Bytes/sec	Show <u>D</u> ir	erial-com3 x			4 Þ
4003300 Dytes serit 01430	ver Ev	vents viewer	bootfile="uImage"			
		progress	phyaddr0=3			
10.9.98.20:2551 <digicap.< td=""><td>dav< 16:44:46</td><td>57% 4</td><td>mdio_intf=rmii</td><td></td><td></td><td></td></digicap.<>	dav< 16:44:46	57% 4	mdio_intf=rmii			
			bootargs=mem=382M console=ttyS0,115200			
			ethaddr=58:03:fb:b6:e7:8f stdin=serial			
1			stdut=serial			
			stderr=serial			
			verify=n			
			ver=U-Boot 2010.06 (Aug 08 2017 - 13:51:42) serverip=10.9.98.35			
<		>	ipaddr=10.9.98.20			
	4		gatewayip=10.9.98.254			
About S	iettings	<u>H</u> elp	For the second states for (1000 house			
		1 ·	Environment size: 526/4092 bytes HKVS # ping 10.9.98.35			
固定到"快复制粘贴 速访问" ¥	● ● 新建 文件夹	属性	ETH0: PHY(phyaddr=3, rmii) link UP: DUPLEX=FULL : SPEED=100M			
00			MAC: 58-03-FB-B6-E7-8F			
剪贴板	组织新	建 打:	host 10.9.98.35 is alive			
← → × ↑ 📘 > Secure	eCRT → tftp	~ 0	HKVS # update ETH0: PHY(phyaddr=3, rmii) link UP: DUPLEX=FULL : SPEED=100M			
		^	MAC: 58-03-FB-B6-E7-8F			
▲ + 快速访问	名称		TFTP from server 10.9.98.35; our IP address is 10.9.98.20			
	🖸 digicap		Download Filename 'digicap.dav'. Download to address: 0x80020000			
- 무묘 //	tftpd32		Download to address: 0x00020000			\sim
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2 个项目			Ready Serial: COM3, 115200 26, 48 26 Rows, 96 Cols VT100		CAP N	iuMi

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12. Upgrade successful.

```
Environment size: 526/4092 bytes
HKVS # ping 10.9.98.35
ETH0: PHY(phyaddr=3, rmii) link UP: DUPLEX=FULL : SPEED=100M
      58-03-FB-B6-E7-8F
MAC:
host 10.9.98.35 is alive
HKVS # update
ETH0: PHY(phyaddr=3, rmii) link UP: DUPLEX=FULL : SPEED=100M
      58-03-FB-B6-E7-8F
MAC:
TFTP from server 10.9.98.35; our IP address is 10.9.98.20
Download Filename 'digicap.dav'.
Download to address: 0x80020000
done
Bytes transferred = 7118972 (6ca07c hex)
cramfs.img checkSum ok !
Erasing SPI flash...done
Writing SPI flash...done
Upgrade check .....done
Erasing devcfg...done
HKVS #
```

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