

How to capture package on keyboard by serial cable

HIKVISION TECHNICAL SUPPORT TEAM



How to capture package on keyboard by serial cable

Note:

Upgrade of panel version should be done under professional guidance from technical engineer

Tools needed:

SecureCRT

- 1. Connect serial cable to keyboard with your computer.
- 2. Check serial COM number.



1) Open SecureCRT, click quick connect, Select serial, input COM number of keyboard

Quick Connect		×
Protocol: Port: Baud rate: Data bits: Parity: Stop bits: Name of pipe:	Serial COM4 115200 8 None 1	
Show quick c	onnect on startup 🗹 Save session 🗹 Open in a tiled window Connect Cance	I

2) Input debug, then it will appear a string, copy the string to OA search for the password.





Note: when you input password, CRT tool doesn't display any "*", it will still display blank.

Device Password Resetting
Custom Message *
1
Device Key
AwAAALYxmiRNp/bKjRc=
Security Code
3PQn47YJbY/ZfZD1W/1KHp5XFT7/OVsODpfzUdsKwh7xkK3b9juBLmwm eIiXciiWwIyXZO6Xj2gZykO5jYTagFnUFXxzeh3JyDnHUA1qIiqJW3On IN4FwDZ/q6MZMye8w34bGvFf9FMk201mKTOYA5jGDJMmFvV0+PKtsEjo GMw=
Query Copy Security Code
<pre># # # # # # # # # # # # # # # # # # #</pre>
~ # ~ # ~ #

3) Then input cd .. to the upper folder list. And afterwards input Is check whether you have

been there.





4) Put tcpdump tool to the current directory of tftp tool.

	🏘 Tftpd64 by Ph. Jounin				-		×		
	Current Directory F:\lvlinbo\Tftpd64			-	Bro	wse			
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5) Input cd /home, then input tftp –gl tcpdump tftp server IP

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/ #					
/ # cd /home					
/home # ls					
app	kbpk	servcert.pem start	.sh		
hik	keyboard	servkey.pem			
/home #					
/home #					
/home # tftp	-gl tcpdump 10	.9.98.32		2224	
tcpdump	100%	*****************	**********	2324k	0:00:00 ETA
/nome # /home # lc					
/nome # is	khnk	servcert nem start	sh		
hik	keyboard	servkey.pem tcpdu	imp		
/home #	neybour a	Sel they permission	mb.		



6) Input chmod a+x tcpdump.



7) Input ./tcpdump host IP –w /home/file name to capture package. File name always name

as xxx.pcap. Host IP is equal to the IP you want to know the camera or NVR whose

interaction between keyboard and them.



8) Then input tftp –pl file name tftp server IP to export file. Send it to HQ to analyze.







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