Preparation
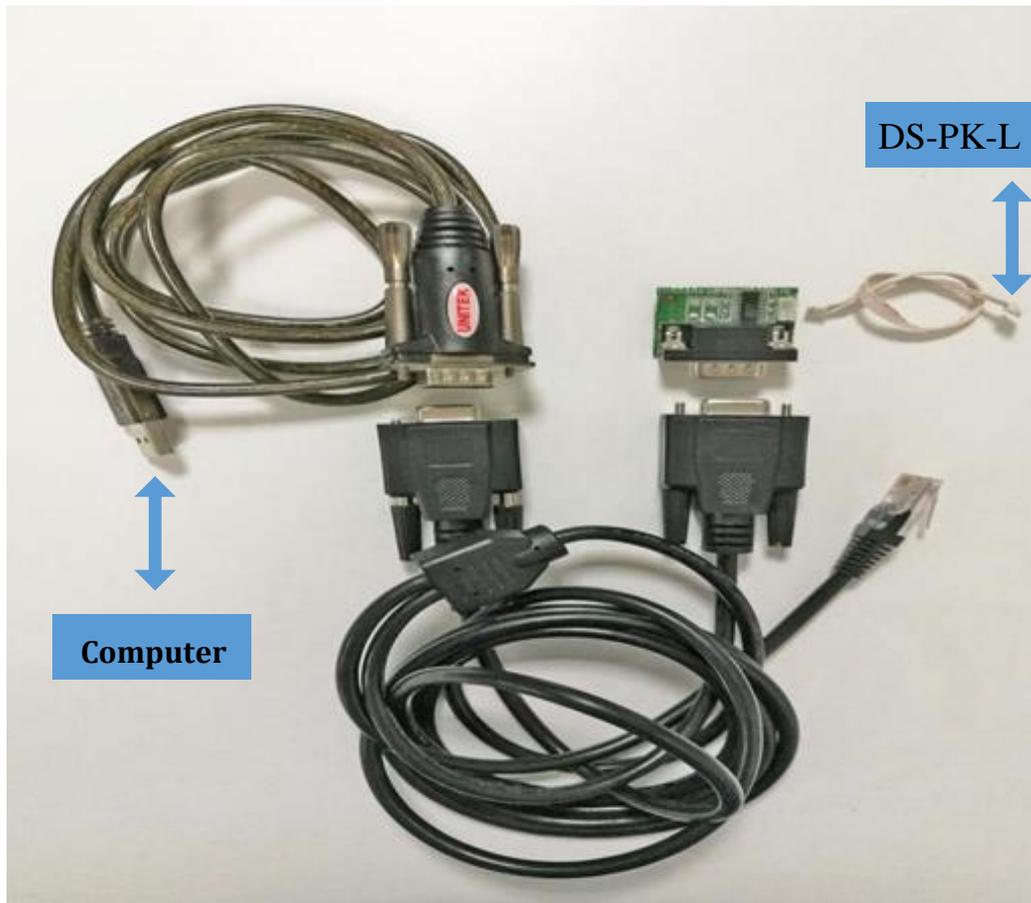
1. Wired LCD Keypad DS-PK-L
2. RS232 serial port cable
3. Software SecureCRT and TFTP（/20 Alarm/Hikvision/11 Installation&How to/Tool/）
4. Firmware APS_PKL_EN_STD_V1.1.0_build190727

How to Upgrade Wired LCD Keypad by RS232 Cable

To support DS-PHA Series Hybrid Security Control Panel, the Wired LCD Keypad need upgrade to newest firmware upgraded by RS232 cable or Hybrid Security Control Panel website. This document is guiding you how to upgrad by RS232 cable.
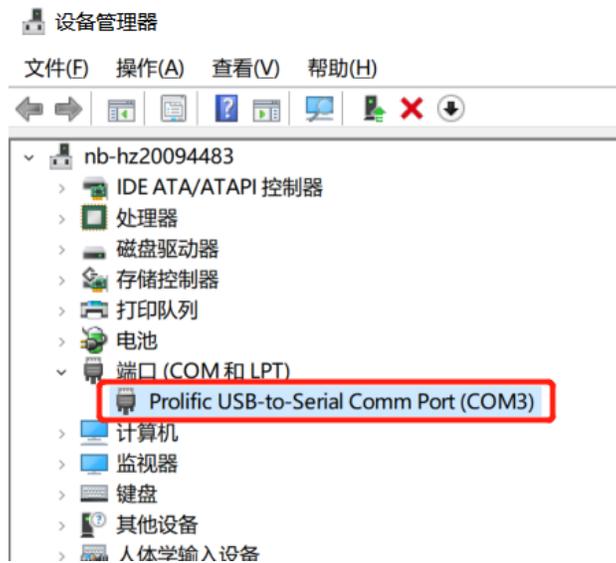
1. Connect laptop USB port with Wireless Output Expander by RS232 cable.

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

3. Open SecureCRT and configure below parameters.
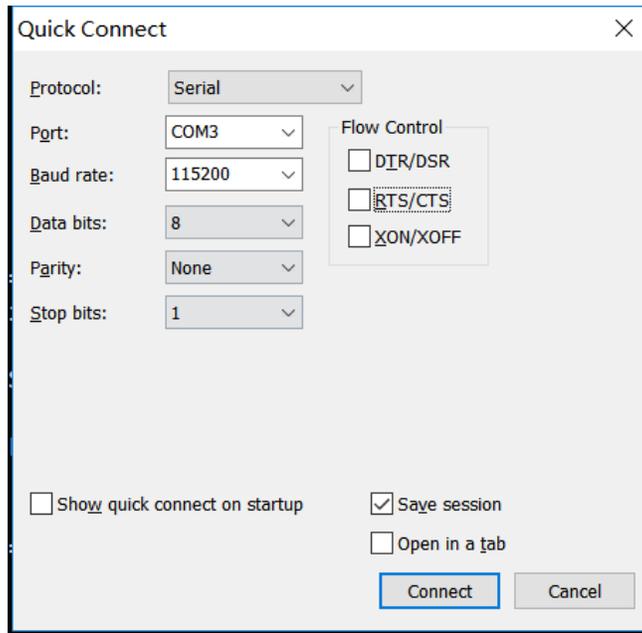
4. Press U within 5 seconds. And Input 1 for update firmware. It will show Waiting for the file to be sent:

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

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

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E-Mail: support@hikvision.com • www.hikvision.com

7. It will upgrade automatically after transfer finished. When showing Newest Firmware Version, means upgrade finished.

```
Starting ymodem transfer.  Press Ctrl+C to cancel.
  100%    200 KB    5 KB/s 00:00:36       0 Errors..

 205484    Bytes
-------------------
                ADDR:0
LCD
mif
SI4460
868MHz
zone 0
relay 0
DS_PK_LRT


==================================================================
= (C) COPYRIGHT 2019 Hangzhou Hikvision Digital Technology Co.,Ltd  =
=                                                                =
=                     ALARM HOST                                 =
=                                                                =
=              VERSION: DS_PK_LRT VER1.1.0-2019.7.27             =
=                                                                =
=                          By Alarm Production Team              =
==================================================================

ur
```
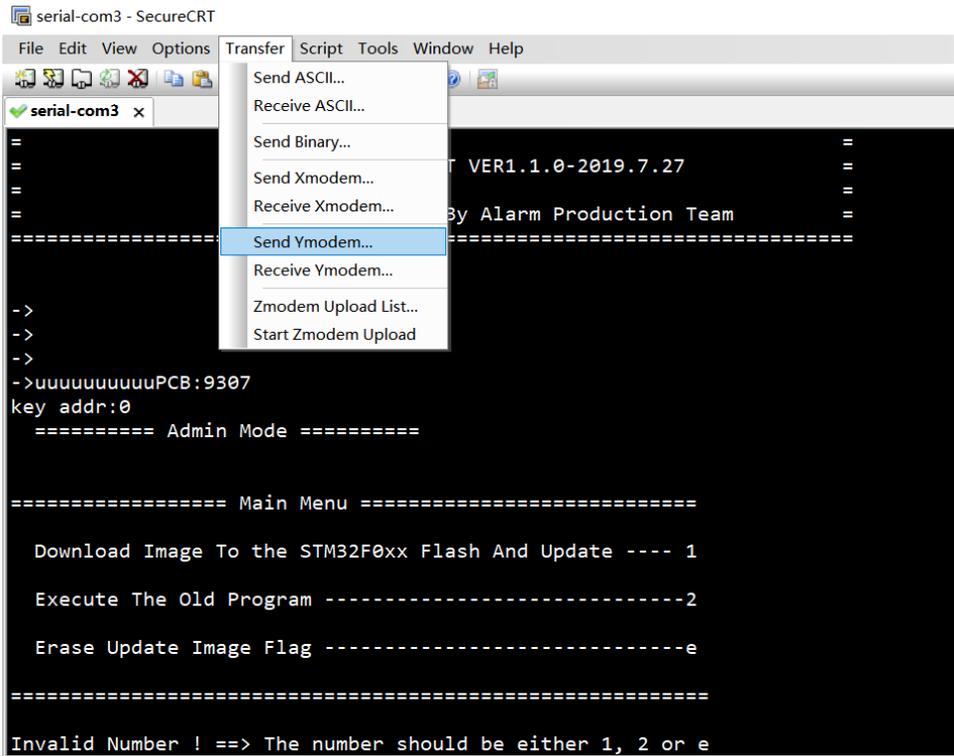
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