

## 19i and 19s Indicator Firmware Update Procedures

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### Software needed: -

- PC program: - [ISP Programming Tool V2.00](http://www.nuvoton.com.cn/opencms/resource-download.jsp?tp_GUID=SW0320101221101703) or higher. Download link [http://www.nuvoton.com.cn/opencms/resource-download.jsp?tp\\_GUID=SW0320101221101703](http://www.nuvoton.com.cn/opencms/resource-download.jsp?tp_GUID=SW0320101221101703).
- Latest 19 series Firmware. Download link = <https://www.fi-measurement.com/resource/driversnsoftwares>, then select the preferred model and firmware version. For example, FM19\_V157.Bin

### Get started: -

- Unzip the ISP program Tool program. No need setup or install.
- Run NuISP.exe file
- Make sure that indicator is powered off.
- Connect PC with indicator with a suitable cable.
- Always plug in this cable to comport 2 of indicator (i.e. the comport with female plug).
- On Select Interface Box, select UART.
- On Select COM Port Box, select the comport which the serial to USB is connected.
- Click Continue.
- On APROM, select the APROM file (e.g. FM19\_V157.Bin).
- At bottom... Check only APROM.
- Click Connect.
- Then power on indicator. If this step is done correctly, the backlight of the indicator will lit on.  
**Note:** - If it is not the case, power off indicator, quit the ISP program. Then repeat again from point #6.
- Then click Start within 8 seconds after the indicator is powered on.
- Firmware starts uploading. Backlight keeps flashing during the program uploading process.
- After uploading completed, wait for about 8 seconds until indicator auto restarts.

