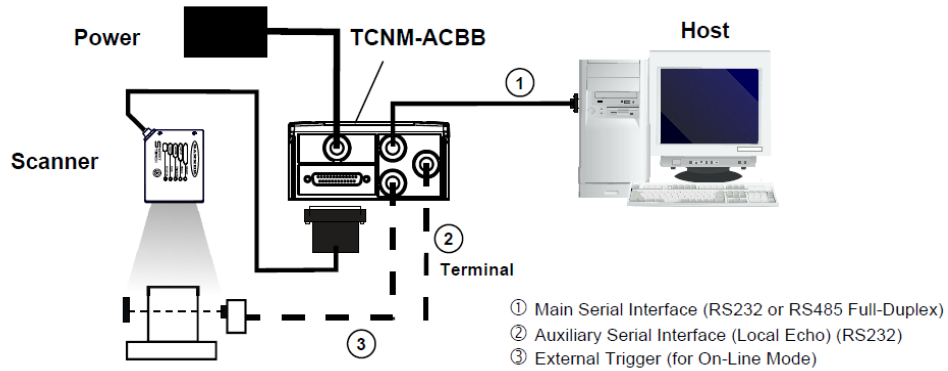# TCNM-AD/EX/SP Scanner Family – Setup Procedure Using Programming Barcodes

Stand-Alone Layout Barcode

To re-program a network scanner for a stand-alone configuration, use the following barcode.

Stand-Alone Layout

① Main Serial Interface (RS232 or RS485 Full-Duplex)
② Auxiliary Serial Interface (Local Echo) (RS232)
③ External Trigger (for On-Line Mode)

Step 1. Press and hold the SMART-TEACH button to enter the "AutoLearn Mode". Once button is pressed, the LED cycle appears as follows:

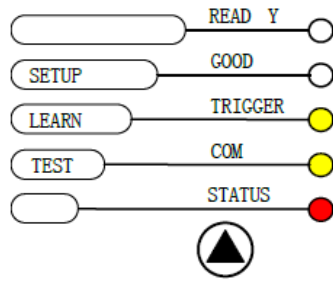|			
Just pressed.	After 2 seconds.	After 4 seconds. Release the button to enter the AutoLearn Mode.	The laser beam turns ON and the yellow LEARN LED blinks: the AutoLearn Mode is working.

Step 2. Put the barcode related to the planned function in front of the scanner. The picture below shows, as example, the Restore Default Values barcode[1].

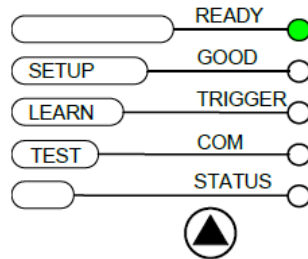Step 3. After the scanner has successfully read the code, the LEDs stay on steady for 2 seconds.

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[1] The barcodes shown are examples, only. Use the barcodes in the Stand-Alone Layout Barcodes section for the actual programming.

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Successful Reading

Step 4. The scanner is programmed and the AutoLearn Mode ends. The green "ready" LED is on.

Programming Done

The Stand-Alone configuration can also be programmed using GeniusPlus. Refer to the Help On Line documentation for further details.

Smart-Teach Key Lock – Unlock Barcode

The SMART-TEACH key can be locked and unlocked through two different methods:

- GeniusPlus parameter
- Programming barcode

The programming barcode procedure uses the AutoLearn Mode described earlier. The code below is a toggle-code:

- if the key is locked, the programming code unlocks the key
- if the key is unlocked, the programming code locks the key

Lock-Unlock SMART-TEACH key

Restore Default Parameters Barcode

The programming barcode procedure uses the AutoLearn Mode. Use this code to set the scanner to its factory default values, configuration and environmental parameters:

Restore Default Values