Sylvac Bluetooth Smart

How to use the *Bluetooth®* data wireless communication system

Equipment

Dongle BT
981.7100

S_View D300S

Dial gauge

Dongle BT
981.7100

Computer

Sylconnect
981.7110

Sylvac Vmux
981.7161

Custom application

- Labview
- Qdas
- etc..

Touchpad Android, iOS + *Bluetooth®* 4.0
Smartphone Android, iOS + *Bluetooth®* 4.0
Computer Apple or Windows 8.1* + *Bluetooth®* 4.0
available in 2015

Sylvac BT app

ANDROID APP ON
Google play

Available on the
App Store

Configuration

Indication on the gauge

1° Symbol off .... disconnected mode
2° Symbol blinking ..... advertising mode
3° Symbol on .... connected mode

New connection

1° Switch on *Bluetooth®* Smart compatible software and scan for new devices
2° Start the instrument. By default the *Bluetooth®* module is active and the instrument is available for connection during
   120s (advertising mode)
3° As soon as the device is detected, a connection is established automatically. If no connnection is established during
   120s, reactivate the *Bluetooth®* module using the BT/ON menu
4° Instrument is ready to communicate (connected mode)

Pairing

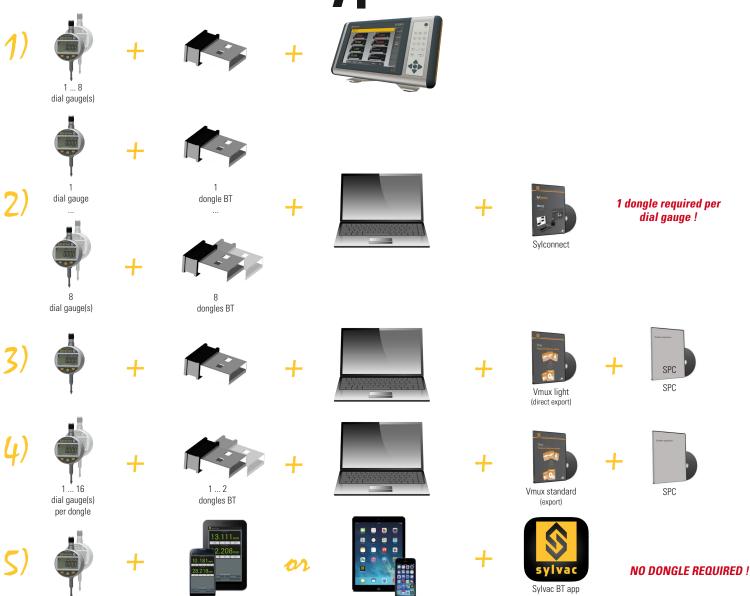Pairing with master is automatically done at first connection.
To connect the instrument to a new master (new pairing), it is necessary to clear all pairing information on the instrument using the BT/RESET menu.

Specifications

Radio frequency	Bluetooth 4.0 - 2.4Ghz
Robustness	FHSS
Latency (from not connected state to send data)	<6ms
Range	Open space : up to 15m Industrial environment : 1-5m
Autonomy depending on measuring mode : - Continuous : always connected with 4 values/sec - Saver : the instrument sends value only when the position has changed - Blind / Push : the value is sent from the instrument (button) or requested from the computer	Up to 2 months Up to 5 months Up to 7 months

Connection types

1)

1 ... 8
dial gauge(s)

+

+

2)

1
dial gauge
...

+

1
dongle BT
...

8
dial gauge(s)

+

8
dongles BT

+

+

Sylconnect

1 dongle required per dial gauge !

3)

+

+

+

Vmux light
(direct export)

+

SPC

SPC

4)

1 ... 16
dial gauge(s)
per dongle

+

1 ... 2
dongles BT

+

+

Vmux standard
(export)

+

SPC

5)

+

or

+

Sylvac BT app

NO DONGLE REQUIRED !