General
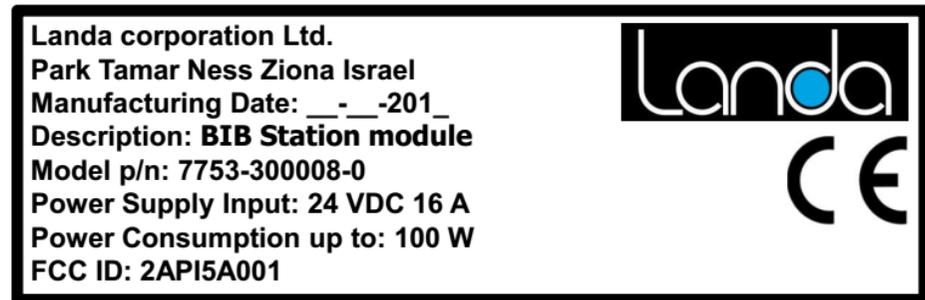
Module Description: BIB Station module
P/N: 7753-300008-0
S/W Version: 1.0.30.0

BOM
- Ink farm

      - BIB Stations modules X 1-8

            - BIB Station RFID module

                 - BIB Station RFID module board

Landa corporation Ltd.
Park Tamar Ness Ziona Israel
Manufacturing Date: __-__-201_
Description: **BIB Station module**
Model p/n: 7753-300008-0
Power Supply Input: 24 VDC 16 A
Power Consumption up to: 100 W
FCC ID: 2API5A001

BIB Station module functionality description

- BIB – Bag In Box – means ink barrel containing nylon bag
- This station functionality is to supply the ink from the ink barrel to the printing press.
- When the ink barrel is empty, the operator remove the empty barrel and bring a new one.
- When the new barrel in the place the RFID is automatically read the s/n and sent the data to the control computer
- Communicate to PC through Modbus RS-485
- The station Include:
    - RFID reader – will read Tag for 5cm, operating frequency 13.56 MHz.
    - Pumps Driver (PWM).
    - Pressure sensor (for pump diagnostics).
    - Push button and indication light interface.
    - HW Enable
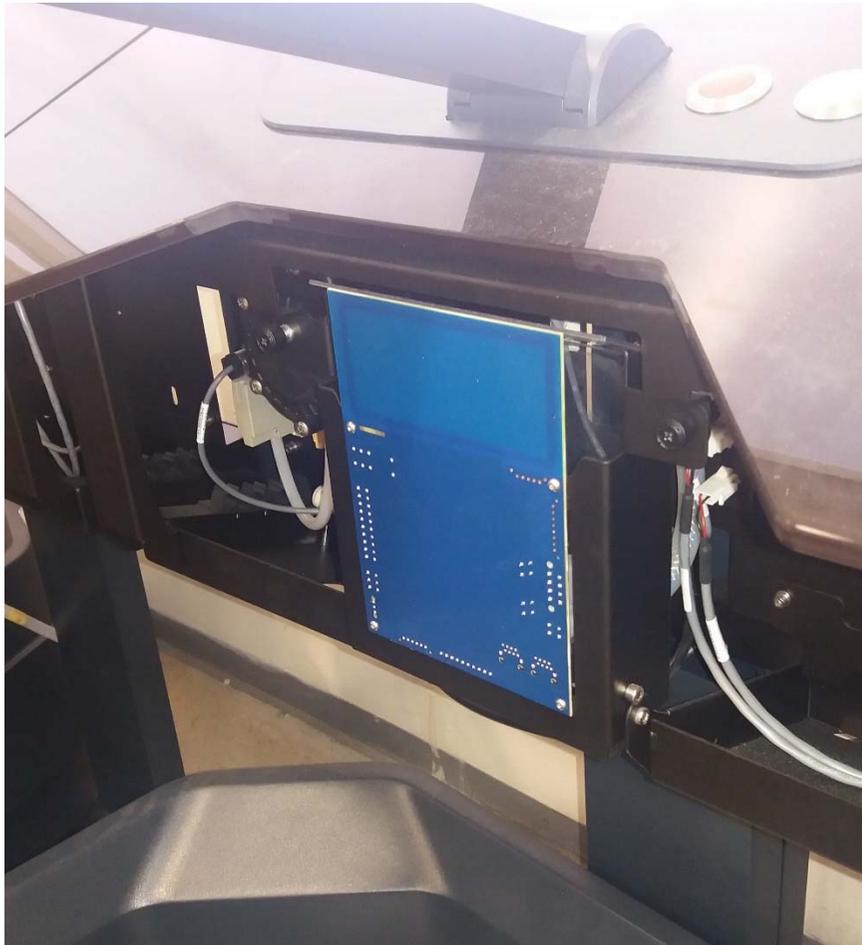   - Temperature sensor and spare I/O

BIB Station RFID module internal frequencies

Designator	Description	Manufacturer	Manufacturer Part Number	Footprint	LANDA P/N	Quantity
X1	CRYSTAL 27.1200MHZ 10PF SMD	NDK	NX2520SA-27.120000MHZ	4-SMD_2.5X2	ECS-000008	1

Pictures
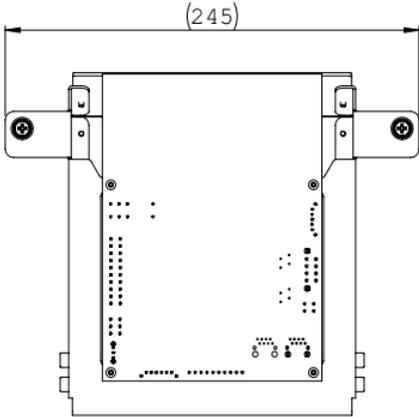
BIB Station RFID module

Closed   Opened

Drawing

BIB Station RFID module
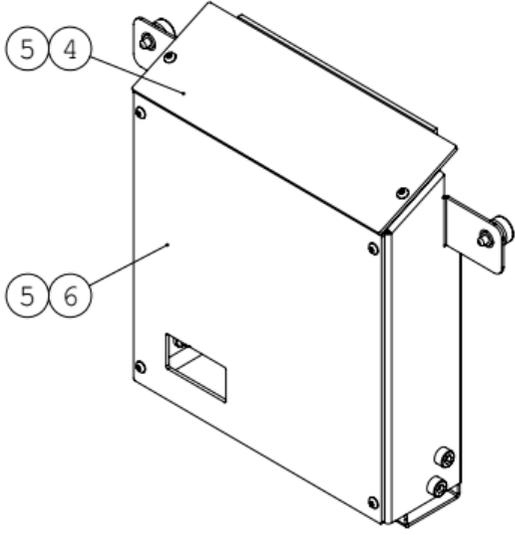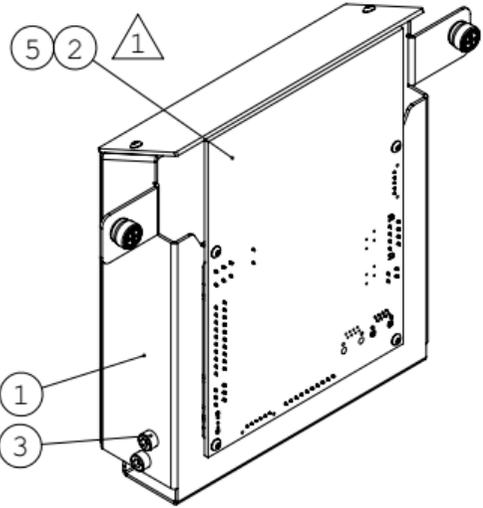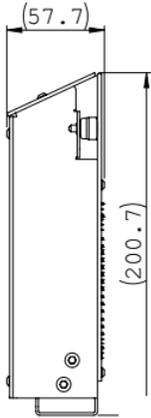
System View

BIB Station RFID module installed in BIB Station

System View

Ink farm