

MB02 IP Address update

MULTIBOX MB02

Multibox MB-02 is used for CXDI-Elite detectors.

The Multiboxes are defined in Canon Service Tool/ AP/LNK.

The Multiboxes are selected for each detector.



AP/LNK Configuration Tool

Multi X-ray IF Info

No.	Name	IP Address
1	MB2TS	192.168.100.96
2	MB2WS	192.168.100.97
3		
4		

Detector

Name	S/N	ModelName	DetailName	Detector Group
CXDI710C Wireless	280000EB	CXDI710C Wireless	CXDI710C-Wireless-HS	70C
CXDI702C Wireless	31000A6F	CXDI702C Wireless	CXDI702C-Wireless	70C
Dummy CXDI410C Wireless	3000FF01	CXDI410C Wireless	CXDI410C-Wireless	401CW
Dummy CXDI710C Wireless	2800FF01	CXDI710C Wireless	CXDI710C-Wireless	70C
CXDI420C Wireless	3500DE04	CXDI420C Wireless	CXDI420C-Wireless-HS	420CW
CXDI720C Wireless	3300DC28	CXDI720C Wireless	CXDI720C-Wireless-HS	720CW
Dummy CXDI420C Wireless	3500FF02	CXDI420C Wireless	CXDI420C-Wireless	420CW
CXDI420C Wireless	350000E9	CXDI420C Wireless	CXDI420C-Wireless-HS	420CW

QC QC grid IP Image Preview

Wireless

Local IP Address : 192.168.100.10

Target IP Address : 192.168.100.13

Antenna Position : 0

Wired

Use wired option :

Local IP Address : 192.168.100.10

Target IP Address : 192.168.100.23

X-ray IF : MB2WS

ENROLL DEL

OK Cancel

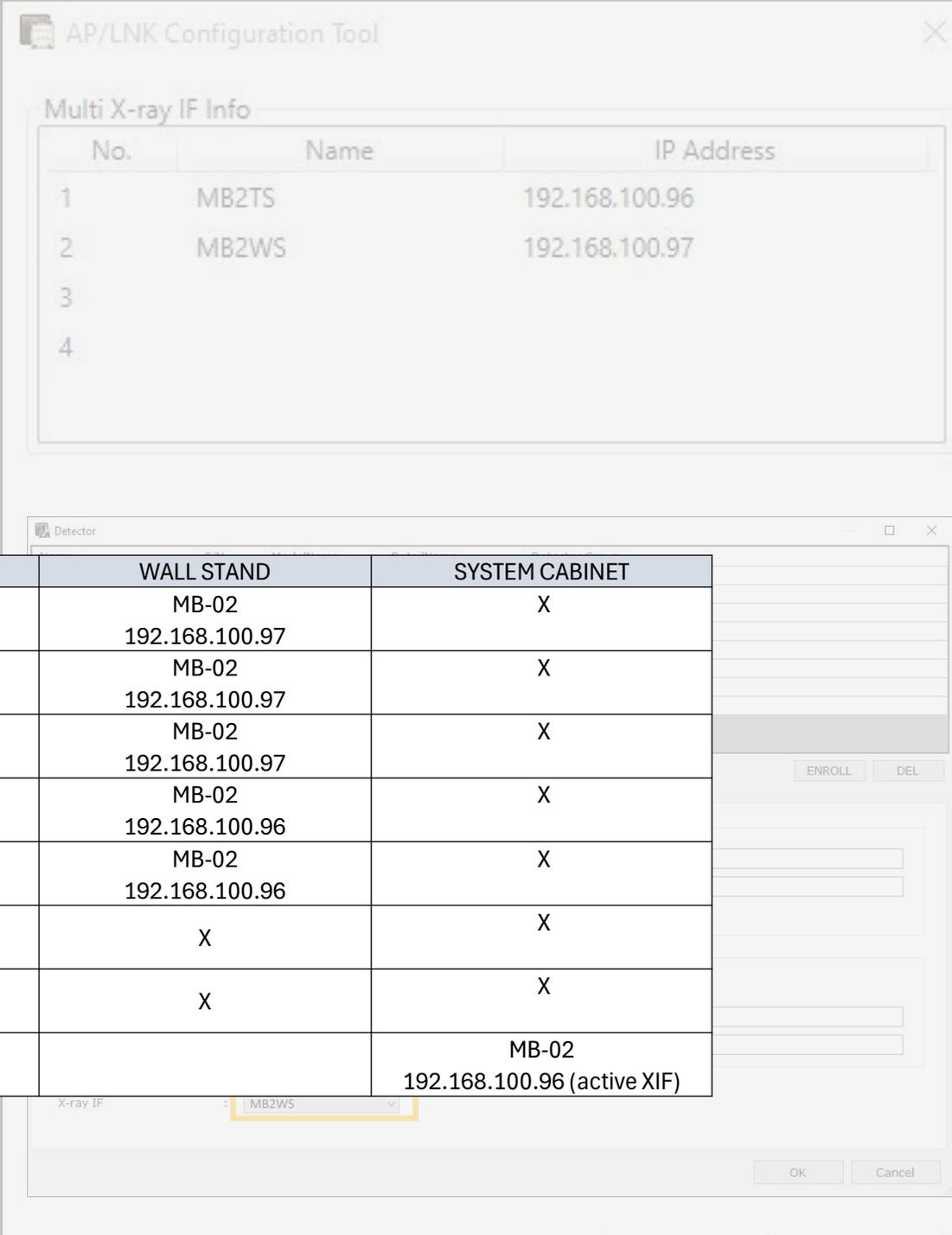
MULTIBOX MB02

SYSTEM CONFIGURATION OVERVIEW

See IP addresses used for Multibox MB02 for different system configurations.

How to change IP address is described on following pages.

SYSTEM CONFIGURATION	DETECTOR CONFIGURATION	TABLE	WALL STAND	SYSTEM CABINET
X-ray system (OTC, wall stand, table)	Wall Stand: CXDI-720C/703C W - Table: CXDI-720C/703C W	MB-02 192.168.100.96	MB-02 192.168.100.97	X
	Wall Stand: CXDI-420C/403C W - Table: CXDI-420C/403C W	MB-02 192.168.100.96	MB-02 192.168.100.97	X
	Wall Stand: CXDI-420C/403C W - Table: CXDI-720C/703C W	MB-02 192.168.100.96	MB-02 192.168.100.97	X
Chest systems (OTC and Wall stand)	Wall Stand: CXDI-720C/703C W	X	MB-02 192.168.100.96	X
	Wall Stand: CXDI-420C/403C W	X	MB-02 192.168.100.96	X
Table system (OTC and table)	Table: CXDI-720C/703C W	MB-02 192.168.100.96	X	X
	Table: CXDI-420C/403C W	MB-02 192.168.100.96	X	X
Trauma / Resus (OTC)				MB-02 192.168.100.96 (active XIF)



MULTIBOX MB02 – CHANGE IP ADDRESS

- 1) Disconnect all Multiboxes except the one that will receive a new IP address.
Why? To make sure that the correct box is answering.
- 2) Connect the detector to the active multiox with a detector cable.
- 3) Start Canon Service Tool.
- 4) Select Sensor folder. Make a note of the current IP address and the serial number for the connected detector. In this example: IP address: 192.168.100.23, sensor snr: 3500DE04

Name	S/N	ModelName	DetailName
CXDI710C Wireless	280000EB	CXDI710C Wireless	CXDI710C-V
CXDI702C Wireless	31000A6F	CXDI702C Wireless	CXDI702C-V
Dummy CXDI410C Wireless	3000FF01	CXDI410C Wireless	CXDI410C-V
Dummy CXDI710C Wireless	2800FF01	CXDI710C Wireless	CXDI710C-V
CXDI420C Wireless	3500DE04	CXDI420C Wireless	CXDI420C-V
CXDI720C Wireless	3300DC28	CXDI720C Wireless	CXDI720C-V
Dummy CXDI420C Wireless	3500FF02	CXDI420C Wireless	CXDI420C-V

QC QC grid IP Image Preview

Wireless

Local IP Address : 192.168.100.10

Target IP Address : 192.168.100.13

Antenna Position : 0

Wired

Use wired option : ON OFF

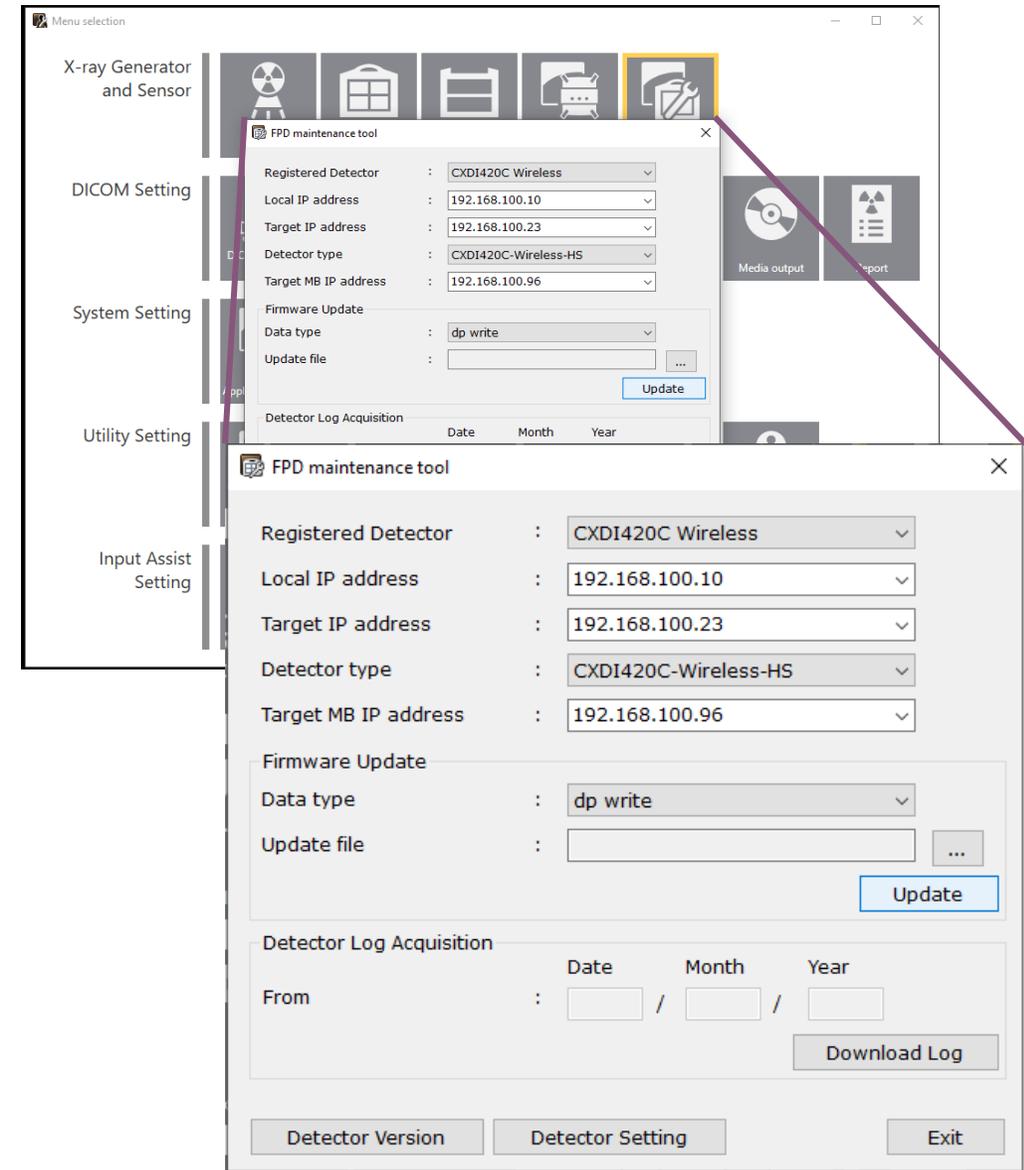
Local IP Address : 192.168.100.10

Target IP Address : 192.168.100.23

X-ray IF : MBSC

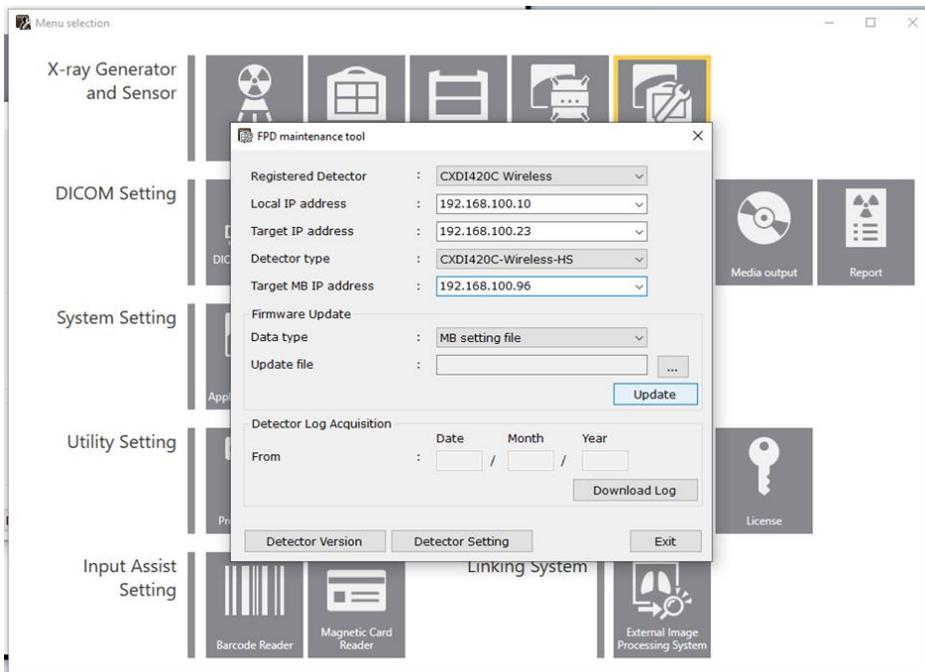
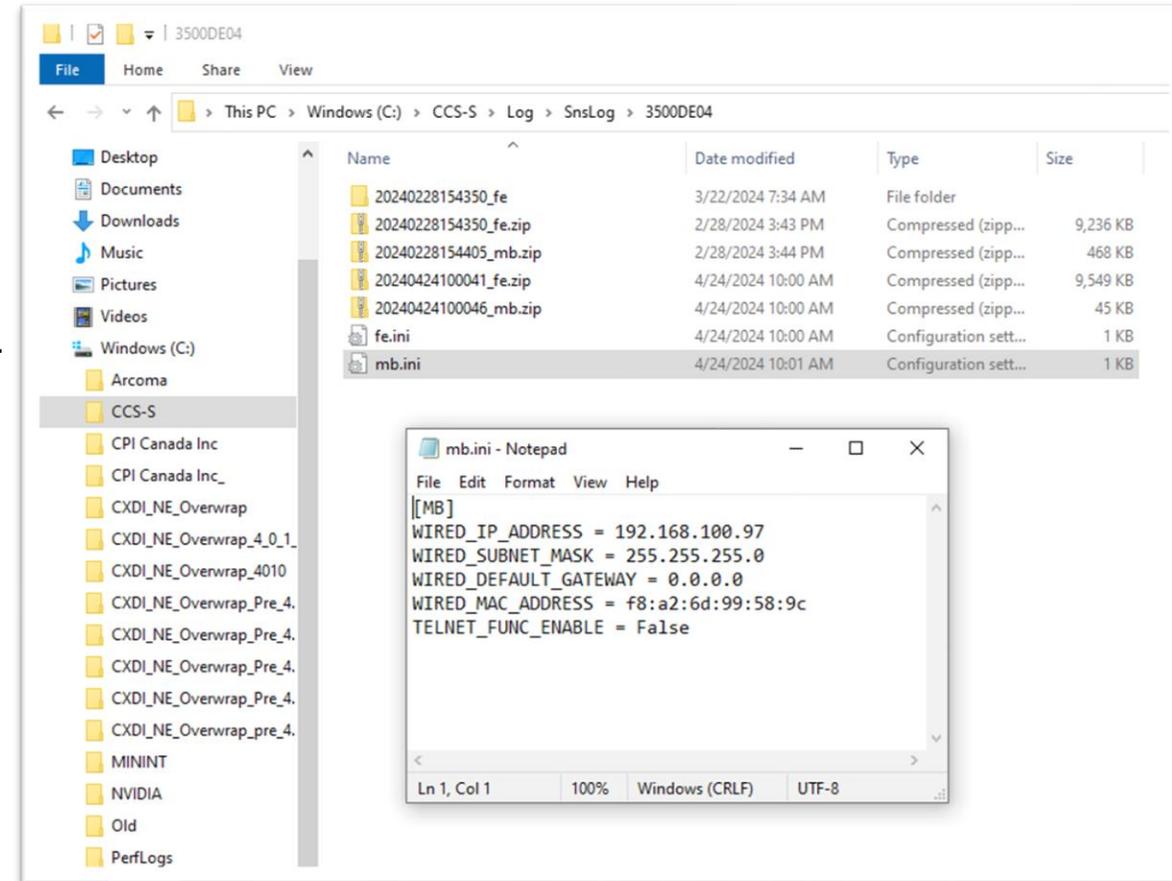
MULTIBOX MB02 – CHANGE IP ADDRESS

- 1) Disconnect all Multiboxes except the one that will receive a new IP address.
Why? To make sure that the correct box is answering.
- 2) Connect the detector to the active multiox with a detector cable.
- 3) Start Canon Service Tool.
- 4) Select Sensor folder. Make a note of the current IP address and the serial number for the connected detector. In this example: IP address: 192.168.100.23, sensor snr: 3500DE04
- 5) In Canon Service Tool select Maintenance Tool. Make selections according the image to the right.
- 6) Target IP = previously identified. Data type: dp write.
- 7) Press Download Log.
- 8) A file named mb.ini is now found in the folder with the detector serial number earlier identified.



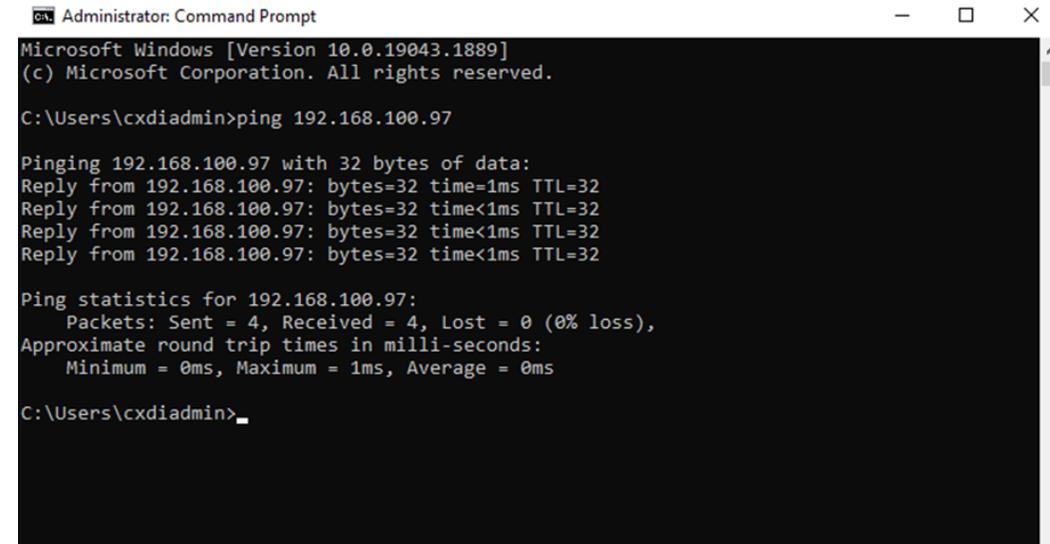
MULTIBOX MB02 – CHANGE IP ADDRESS

- 9) Open the mb.ini-file with for example Notepad and change WIRED_IP_ADDRESS to correct IP address. Save the file.
- 10) Go to Maintenance Tool. Make settings according to below. Target MB IP address shall remain 192.168.100.96. Change Data type to MB setting file and point out the mb.ini-file that was adjusted in earlier steps. Press Update.



MULTIBOX MB02 – CHANGE IP ADDRESS

- 9) Close down the system and reconnect the Multiboxes before they are restarted.
- 10) Note! Also the earlier connected multibox can require an update.
- 11) Open the commando prompt and ping the multiboxes to verify that the communication is established.



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.19043.1889]
(c) Microsoft Corporation. All rights reserved.

C:\Users\cxdiadmin>ping 192.168.100.97

Pinging 192.168.100.97 with 32 bytes of data:
Reply from 192.168.100.97: bytes=32 time=1ms TTL=32
Reply from 192.168.100.97: bytes=32 time<1ms TTL=32
Reply from 192.168.100.97: bytes=32 time<1ms TTL=32
Reply from 192.168.100.97: bytes=32 time<1ms TTL=32

Ping statistics for 192.168.100.97:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\Users\cxdiadmin>
```

MULTIBOX MB02 – CHANGE IP ADDRESS

- 1) Start the Canon Service Tool and select AP/LNK.
- 2) Use the following settings:

LINK MODULE

Use Link Module: ONE

Link Pop-up: ON

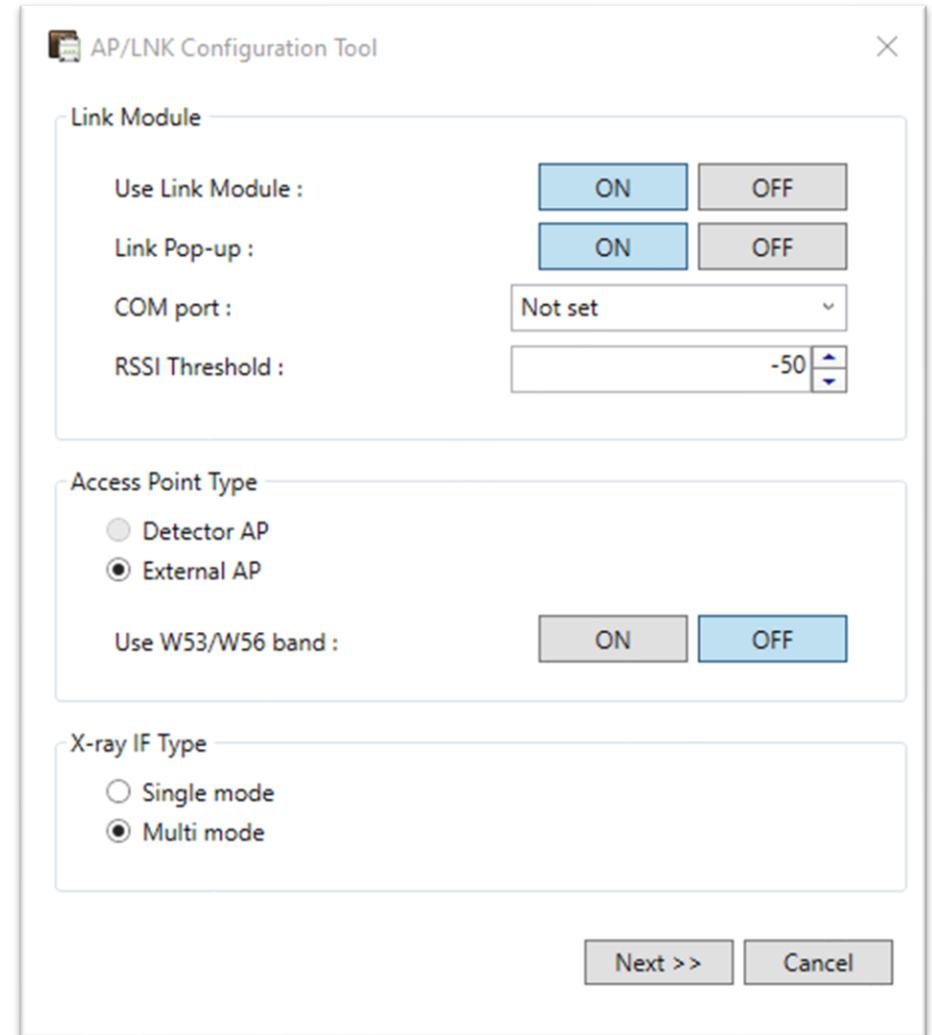
COM port: Not set

Access Point tupe

External AP

X-ray IF Type: Multi mode

- 3) Press Next
- 4) Select interface names for the active multiboxes in the system.



The screenshot shows the 'AP/LNK Configuration Tool' window with the following settings:

- Link Module:**
 - Use Link Module:
 - Link Pop-up:
 - COM port: Not set (dropdown menu)
 - RSSI Threshold: -50 (spin box)
- Access Point Type:**
 - Detector AP
 - External AP
 - Use W53/W56 band:
- X-ray IF Type:**
 - Single mode
 - Multi mode

Buttons at the bottom: Next >> and Cancel.

MULTIBOX MB02 – CHANGE IP ADDRESS

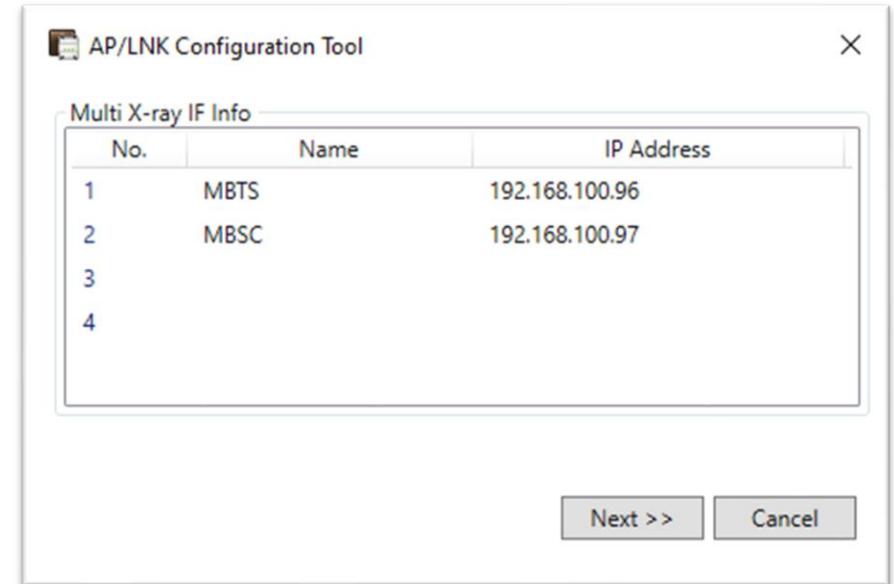
- 1) Select interface names for the active multiboxes in the system.

Table multibox: MB2TS

Wall stand multibox: MB2WS

Wall stand multibox: MB2SC

- 2) Add IP addresses for the Multiboxes.
- 3) Press Next and finish.



MULTIBOX MB02 – CONNECT WITH XIF

- 1) Start Canon Service Tool. Select Sensor.
- 2) State X-ray interace for each detector, for example:

MB2SC (Multibox System Cabinet) for CXDI-420CW.
MB2TS (Multibox Table) for CXDI-720CW

The screenshot shows the 'Detector' window in the Canon Service Tool. At the top, a table lists two detectors. The second detector, 'CXDI420C Wireless', is selected. Below the table are 'ENROLL' and 'DEL' buttons. The main configuration area has tabs for 'QC', 'QC grid', 'IP', and 'Image Preview'. The 'IP' tab is active, showing 'Wireless' and 'Wired' sections. The 'Wireless' section has fields for 'Local IP Address' (192.168.100.10), 'Target IP Address' (192.168.100.13), and 'Antenna Position' (0). The 'Wired' section has a 'Use wired option' toggle set to 'ON', and fields for 'Local IP Address' (192.168.100.10) and 'Target IP Address' (192.168.100.23). At the bottom, the 'X-ray IF' is set to 'MBSC'. 'OK' and 'Cancel' buttons are at the bottom right.

Name	S/N	ModelName	DetailName	Detector Group
CXDI710C Wireless	280000EB	CXDI710C Wireless	CXDI710C-Wireless-HS	70C
CXDI420C Wireless	3500DE04	CXDI420C Wireless	CXDI420C-Wireless-HS	420CW

ENROLL DEL

QC QC grid IP Image Preview

Wireless

Local IP Address : 192.168.100.10

Target IP Address : 192.168.100.13

Antenna Position : 0

Wired

Use wired option : ON OFF

Local IP Address : 192.168.100.10

Target IP Address : 192.168.100.23

X-ray IF : MBSC

OK Cancel

THANK YOU

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