



Installing the mTablet RFID/Imager Module

The following procedure describes how to install the ***mTablet RFID/Imager Module*** to MICROS mTablet.

1. Place the mTablet on table.
2. Gently attach the ***mTablet RFID/Imager Module*** as shown in figure1.

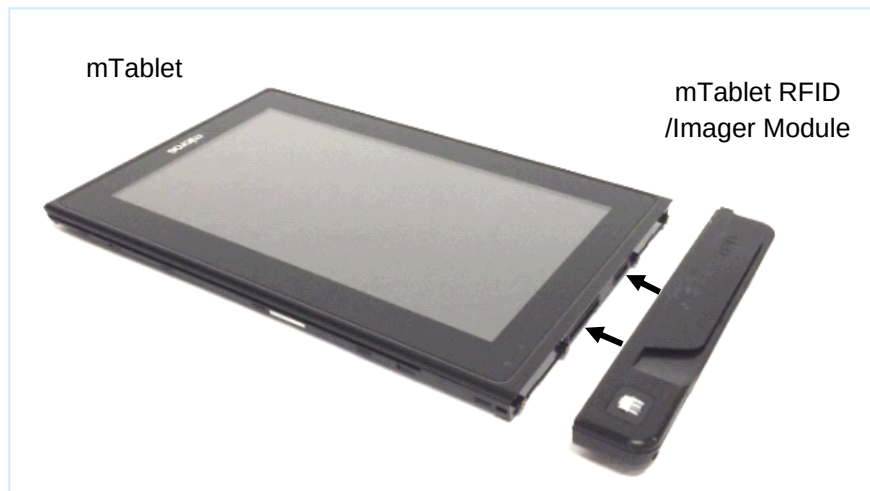


Figure 1



Figure 2

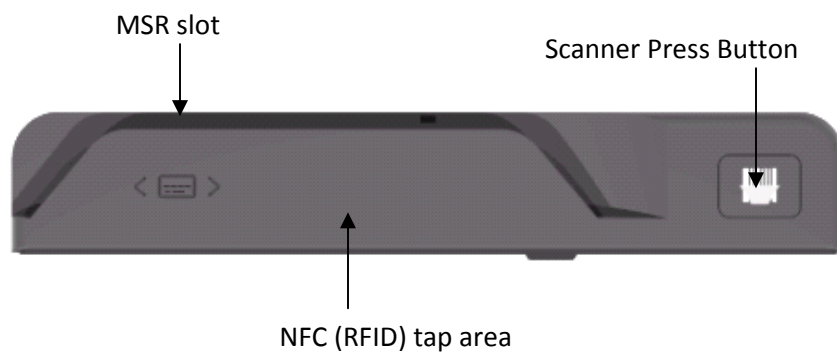
3. Find the screw holes at ***mTablet RFID/Imager Module***, as figure 2
4. Lastly, place the screws and tighten it with alien key.



Product Information

The **mTablet RFID/Imager Module** have three main functions:

- MSR
- Scanner
- NFC function





Specification

Specification	Parameter	
Model	mTablet RFID/ Imager Module	
Rating	3.3 VDC, 50mA (for MSR function) 5VDC, 550mA (for Scanner and NFC function)	
Weight	About 150g	
Overall Dimension	170mm x 30mm x20.5 mm	
Storage Temperature	-20 to 70 degree Celsius	
Operating Temperature	-10 to 50 degree Celsius	
Operating Humidity	Operating: 95% RH (no condensation) at 50 degree Celsius Storage: 85% RH, non-condensing at 70 degree Celsius	
Enclosure Material	Plastic	
Scanner Technical Specification 	Imaging Sensor	Resolution: 752 H x 480 V pixels (Wide VGA) Gray Scale: 256 levels (8bits per pixel)
	Ambient light immunity (Sunlight)	9000 ft. candles (96,900 lux)
	Laser Safety Class	CDRH / IEC Class 2
NFC Function	Frequency	13.56MHz
FCC ID	A4HENDCAP	
Canada IC ID	9870A-ENDCAP	
MSR Function	3.3V powered, magnetic card reader	



Safety Information

SCANNER ENGINE



CAUTION

: This device emits CDRH/IEC Class 2 laser. Do not stare into beam.

**Laser Radiation - Do Not Stare Into Beam.
Class 2 Laser Product. $\lambda = 655\text{nm} \pm 10\text{nm}$.**



**Rayonnement laser, ne pas regarder dans
le faisceau, appareil a laser de classe 2**



EMC RF Information

This device complies with Part 15 of the FCC Rules / Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.



Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.