

UL CCS  
47173 Benicia Street,  
Fremont, CA 94538

29 September 2010

Attention: Application Examiner  
Re: Intellex Corporation certification application  
FCC ID: VBLMC9090  
Description: RFID gun with WLAN and BT

To whom it may concern,

This product is a hand-held RFID gun operating and is classified as a mobile device. Operation is in the following bands:

Description	Frequency Range, MHz	Power output, watts	Applicable Rule Section
RFID	902.75-927.25	0.863	15C FHSS
Bluetooth	2402-2480	0.00096	15C FHSS
WLAN	2412-2462	0.092	15C DTS
WLAN	5745-5830	0.075	15C DTS
WLAN	5180-5240	0.048	15E U-NII 1*
WLAN	5745-5805	0.079	15E U-NII 4*

\*limited by software, no other U-NII bands will be supported at this time.

The RFID, Bluetooth, and WLAN radios can operate simultaneously.

The Bluetooth radio is imbedded on the main circuit board. Two radio modules are incorporated into the product, however, the entire product has its own FCC ID and the modular approval route is not being employed for this application.

Each radio has its own antenna. The WLAN can operate either in the 2.4 GHz band or the 5 GHz band, but not both simultaneously, as it is a single 802.11 module with one TX output.

The BT, WLAN, and RFID antennas are all integral to the unit. The following modules are incorporated:

Module Description	Grantee	FCC ID	Date of Grant
RFID	Intellex	VBLMMR6500	07/12/2010
WLAN	Symbol Technologies	H9P2121160	01/20/2006

FCC ID: VBLMC9090 is almost identical to a previously granted product, FCC ID: H9PMC9090R6, grants issued 8/14/2006. The only difference is that the original product RFID module is being replaced with the Intellex RFID module referenced above. The following modules were used in the original product:

Module Description	Grantee	FCC ID	Date of Grant
RFID	WJ Communications	NTTWJMPR7XXX	03/06/2007
WLAN	Symbol Technologies	H9P2121160	01/20/2006

The RFID gun circuit board, the RFID module connector, the antennas, and the case are all identical to the product certified under FCC ID: H9PMC9090R6. As such, the test reports for the Bluetooth section and the WLAN module of the original product, and the test reports for the Intellex module, will be used to support compliance of the RFID gun FCC ID: VBLMC9090.

Three certification applications are being submitted:

15C DSSS for RFID and Bluetooth  
15C DTS for WLAN at 2.4GHz and 5.8 GHz frequencies  
15E U-NII for WLAN at 5.15 and 5.8 GHz frequencies

If you have questions or need further information please contact the undersigned.

Sincerely,

A handwritten signature in blue ink that reads "T.N. Cokenias". The signature is written in a cursive style with a long horizontal flourish at the end.

T.N. Cokenias  
Agent for Intellex