

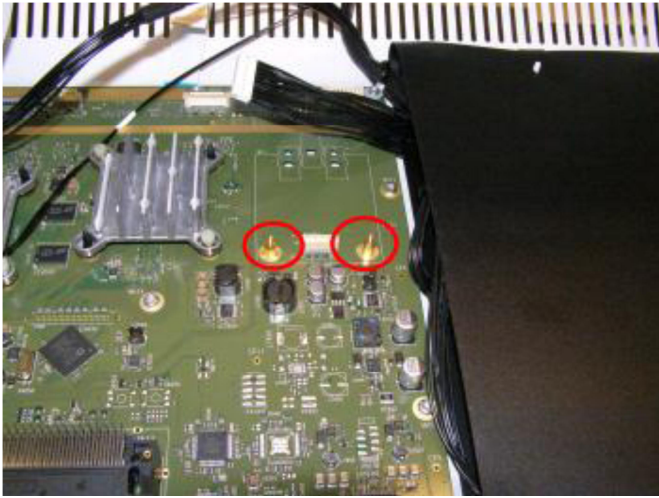
## Integration Guide for installing LBWA1ZZPD W-LAN module in Video Engine PCB

Module is designed to be plugged into the Video Engine PCB.  
The Video Engine PCB is used in the BeoVision 11 40"/46"/55".

Mounting procedure:

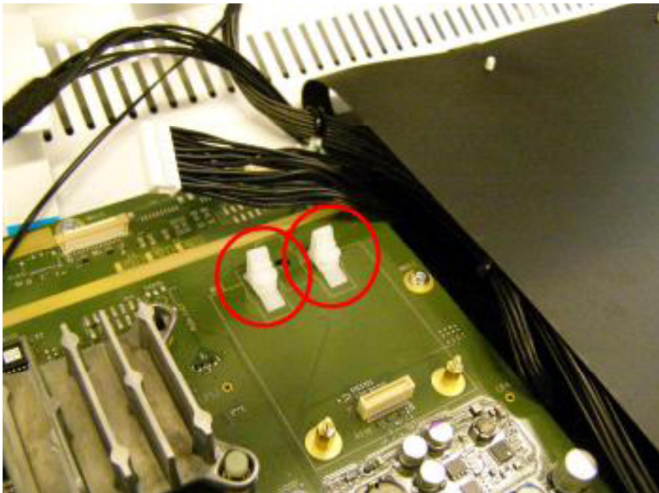
1

Mount the 2 standoffs for the WLAN module as shown



2

Mount the 2 plastic support clips in the holes in the Video Engine PCB, must give a click sound in order to be correctly fixed.



3

Route the WLAN cables along the edge of the Video engine from the Connector well to the module, using the existing wire fixation points.

4

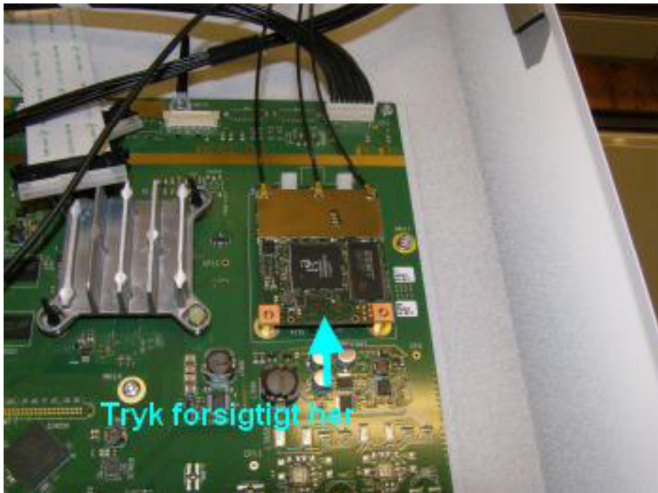
Carefully mount the 3 small coaxial connectors on the WLAN module. Be careful not to damage the connectors.



5

Insert the module into the plastic clips and into the board to board connector on the Video Engine PCB.

Use the Brass standoffs to guide the module into the connector, press carefully between the 2 guide pins.



6

Fasten the WLAN-module with 2 2.5 mm nuts

*End of Procedure*

**FCC Compliance**

This device complies with Part 15 of the FCC Rules. 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate

This module is intended to be professionally installed in host products BeoVision11-40, BeoVision11-46 and BeoVision11-55 with internal Tyco puck 1551868-1 and Tyco UAM 1513472-7 antennas, and must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the antenna & user's body

In the United States, operation on channels 36-48 in the 5150-5250 MHz band is restricted to indoor-use only.

If the FCCID of the module is not visible when installed in the intended host equipment, then a permanently attached or marked label must be displayed on the exterior of the host equipment referring to the module FCC ID.

## Industry Canada Compliance

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

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.

This radio transmitter (IC ID: 3775B-LBWA1ZZPD) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

- 1) (Puck) Manufacturer: Tyco; Part No. 1551868-1; Frequency Range: 2,400 - 2,483.5 MHz & 5,150 - 5,875 MHz; Gain (Max) +4 dBi,
- 2) (UAM) Manufacturer: Tyco; Part No. 1513472-7; Frequency Range: 2,400 - 2,483.5 MHz & 5,150 - 5,875 MHz; Gain (Max) +3 dBi

Please note that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and these radars can cause interference and/or damage to LE-LAN (License-exempt Local Area Network) devices.

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the antenna and your body.

Cet appareil est conforme au(x) standard(s) RSS exempt(s) de licence d'Industrie Canada. Son fonctionnement est sujet aux deux conditions suivantes : (1) cet appareil ne doit pas occasionner d'interférence et (2) cet appareil doit supporter toutes les interférences, y compris celles qui pourraient provoquer un mauvais fonctionnement de cet appareil.

Compte tenu des règles mises en place par Industrie Canada, cet émetteur radio ne peut fonctionner qu'à l'aide d'une antenne dont le type et le gain maximal ont été approuvés par Industrie Canada. Afin de réduire le risque d'interférence radio avec les autres utilisateurs, le type d'antenne et son gain doivent de préférence être choisis de manière à ce que la puissance isotrope rayonnée équivalente (PIRE) ne dépassent pas le niveau nécessaire à une communication efficace.

Cet émetteur radio (IC ID: 3775B-LBWA1ZZPD) a été approuvé par Industrie Canada dans le cadre d'une utilisation avec les types d'antennes repris ci-après, avec le gain maximum autorisé et l'impédance requise indiqués au regard de chaque type d'antenne. L'utilisation de types d'antennes non repris dans cette liste ou dont le gain est supérieur à celui indiqué pour leur type est strictement interdite en conjonction avec cet appareil.

- 1) (Puck) Fabricant: Tyco; Référence: 1551868-1; Gamme de fréquences: 2,400 - 2,483.5 MHz et 5150 - 5875 MHz; Gain (Max) +4 dBi,
- 2) (UAM) Fabricant: Tyco; Référence 1513472-7; Gamme de fréquences: 2,400 - 2,483.5 MHz et 5150 - 5875 MHz; Gain (Max) +3 dBi

Please note that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and these radars can cause interference and/or damage to LE-LAN (License-exempt Local Area Network) devices.

Cet appareil est conforme aux limitations de la norme IC RSS-102 concernant l'exposition aux radiations dans un environnement non contrôlé. Cet appareil doit être installé et utilisé avec une distance minimale de 20 cm entre l'antenne et le corps de l'utilisateur.

### **Module Integration**

The LBWA1ZZPD W-LAN module is only approved for use in end specific host products produced by Bang & Olufsen.