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15 March 2005

To: Federal Communications Commission
7435 Oakland Mills Road
Columbia, Maryland 21046

Subject: Professional Installation of Airespace Outdoor Radio QTZ1300

Gentlemen,

Airespace wishes to certify an outdoor 802.11 accesspoint radio. This radio is an industrial IEEE802.11 A/B/G access point in a robust weatherproof enclosure. See photos (below and right)

This outdoor access point radio is intended to be installed in areas such as commercial building rooftops, and commercial communications facilities such as towers. There are three items XXXX this radio is intended for professional installation.

a) Marketing:

The product will not be marketed to the general public. The device will be purchased by commercial enterprises and educational institutions wishing to extend their 802.11 infrastructure outdoors.

b) Requires professional installation:

Due to the nature of the device and the intended installation locations, the device will require professional installation of the radio and antennas as well as professional configuration of the product. The product will only be installed by professionals who have received proper training in the installation of the radio and the antennas.

c) Application example:

The outdoor radio will extend commercial IEEE802.11 infrastructure outside. The mounting of the radio will require professional installation as well the installation of the conduits to the radio that will bring the Ethernet connection and 120 VAC or 48VDC to the radio.

When one considers the complexity of the entire system (including the accompanying Airespace Ethernet switch that controls the outdoor radio, it is clear that it is a rugged, commercial radio that requires professional installation to ensure proper installation, configuration and operation of the communications system.

Should more information be required regarding the installation fo the radio, please do not hesitate to contact me at the email address below.

Sincerely,

David Waitt
Consultant Representing Airespace
david@waitt.us

