

## Specifications Table

### Radio

|                                |   |
|--------------------------------|---|
| Frequency                      | Any frequency in 400MHz to 6GHz range             |
| Radio Type                     | OFDM - TDD  |
| Channel Bandwidth              | 5, 10, 20MHz                                      |
| Output Power                   | Up to 33dBm(2 Watt) other available on request    |
| Modulation                     | BPSK, QPSK, 16QAM, 64QAM                          |
| Sensitivity                    | -97dBm @ BPSK                                     |
| Radio Capacity (Air interface) | Up to 50MBit<br>(Up to 110MBit/s optional in PtP) |

### Data communication interface

|                     |  |   |
|---------------------|--|---|
| Standard Compliance | IEEE 802.3 CSMA/CD   | IEEE 802.3 CSMA/CD                                      |
| VLAN Support        | Based on 802.1q  | Based on 802.1q   |
| Security            | Association protocol- SSID<br>WEP 128, AES, IP level filtering 802.11b/g | IEEE 802.3 CSMA/CD<br>Based on 802.1q<br>Not Applicable |
| Wireless LAN        | 802.11b/g  | 802.11a/b/g option                                      |

### Embedded decoder

|                      |   |
|----------------------|---|
| Video Input          | 1 Composite (PAL or NTSC), 1Vpp/75 ohm or SDI |
| Compression          | H264 SD & HD                                  |
| Frame Rate           | 1 to 30 fps                                   |
| Bandwidth            | Configurable between 32KBit/s to 20Mbps       |
| Audio Input - Output | Line (0dBm/600 ohm)                           |

|                                  |                      |  |
|----------------------------------|----------------------|--|
| SERIAL DATA<br>INTERFACE AND I/O | Electrical Level     | Port 1 - RS232, RS485 optional   |
|                                  | Operating Mode       | Transparent serial port supporting any async. serial protocol - Input/Output 3 dry contact                     |
|                                  | Dry Contact          | Inputs (48V AC/DC @ 100mA max)   |
| ELECTRICAL - RU and BU           | Power Consumption    | 45W up to 150W   |
|                                  | Input Power          | DC 9 to 18 VDC   |
|                                  | Indicators (RU unit) | Power, Alarm, Net Activity, Wireless Link, Wireless Access Point, Wireless Link Quality (5 LEDs bar indicator) |
| MECHANICAL                       | Stowed Size          | 367x245x88mm   |
|                                  | Weight               | 4.5 Kg   |
| ENVIRONMENTAL                    | Temperature (*)      | Operational -20° to 70°C   |
|                                  | Operational Humidity | 95% non-condensing   |
|                                  | Sealing Class        | IP68   |