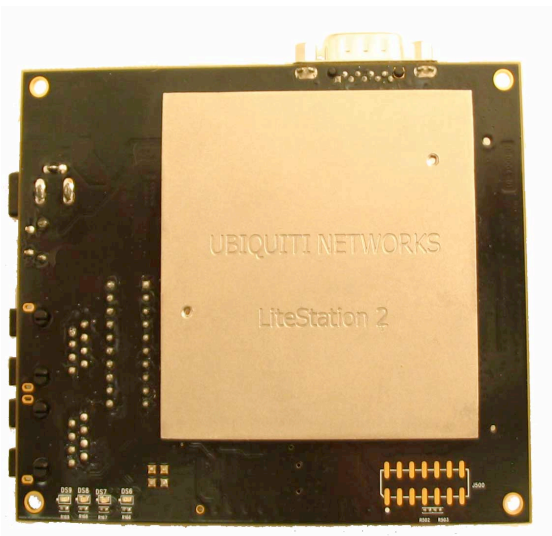
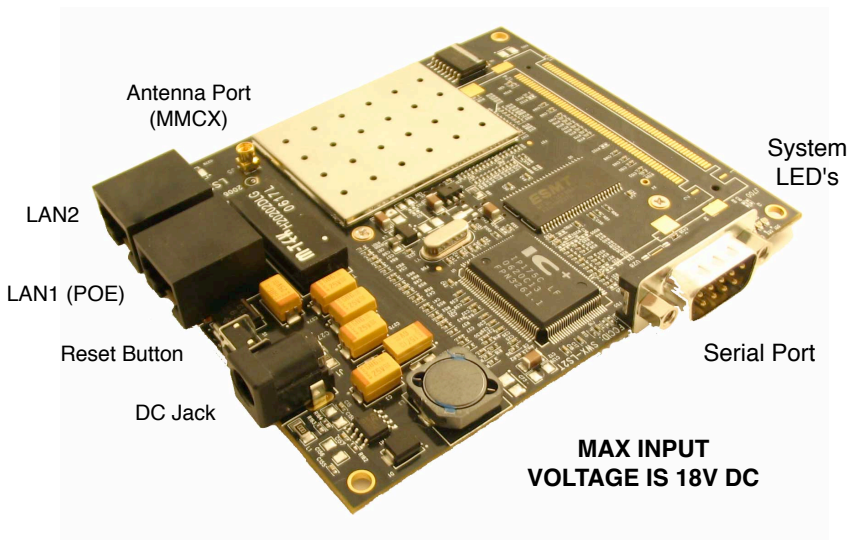




# LiteStation 2

Simple, Reliable, Powerful

The LiteStation 2 (LS2) is the first completely integrated 400mW 802.11b/g subscriber unit. Along with high output power, the LS2 features an advanced receiver design with strong sensitivity and noise immunity performance. Additional features include secondary LAN interface, serial port, signal strength LED's, and a custom heatsink allowing performance over extended temperature ranges while integrated inside compact enclosures. The LiteStationOS software has a user-friendly, intuitive interface which makes the overall product a simple, reliable, and powerful CPE solution.



## FEATURES/PERFORMANCE

### Chipset

Atheros 6th Generation Based  
MIPS 180MHz Processor

### Ports

Up to (2) RJ-45  
u.FL antenna (MAIN)  
MMCX antenna (AUX)

### Power Over Ethernet

Up to +18V DC

### Transmit Power

Rate	Power
1-24 Mbps	26 dBm, +/- 1dB
36 Mbps	24 dBm, +/- 1dB
48 Mbps	22 dBm, +/- 1dB
54 Mbps	21 dBm, +/- 1dB

### Receive Sensitivity

Rate	Level
1 Mbps	-97 dBm, +/- 2dB
2 Mbps	-96 dBm, +/- 2dB
5.5 Mbps	-95 dBm, +/- 2dB
6 Mbps	-94 dBm, +/- 2dB
9 Mbps	-93 dBm, +/- 2dB
11 Mbps	-92 dBm, +/- 2dB
12 Mbps	-91 dBm, +/- 2dB
18 Mbps	-90 dBm, +/- 2dB
24 Mbps	-86 dBm, +/- 2dB
36 Mbps	-83 dBm, +/- 2dB
48 Mbps	-77 dBm, +/- 2dB
54 Mbps	-74 dBm, +/- 2dB

### Compliance

FCC 15.247

### Temperature Rating

Storage	-70 - +85 C
Operation	-20 - +60C

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