

TECHNOLOGICAL SPEC.

1. Product Name : Wireless Reader Model : DW23
2. Power Source : DC 3.7 V, mA; AC V, A
3. Frequency Band : 2.4 GHz ~ 2.4835 GHz
Carrier Frequency : 802.11b/g/n - HT20 : 2412 MHz ~ 2462 MHz
802.11n - HT40 : 2422 MHz ~ 2452 MHz
4. Number of Channel : 11 (802.11b/g/n – HT20)
7 (802.11n – HT40)
5. Channel Spacing : 5MHz
6. RF Output Power : 802.11b : 7.94 dBm (6.22 mW)
802.11g : 12.20 dBm (16.60 mW)
802.11n – HT20 : 9.27 dBm (8.45 mW)
802.11n – HT40 : 10.28 dBm (10.67 mW)
7. I.F. : MHz; L.O. : MHz
8. Modulation Type : DSSS / SISO-OFDM (BPSK/16QAM/64QAM)
9. Duty Cycle : %
10. Mode of operation (duplex, simplex, half duplex) : Duplex
11. Bit Rate of Transmission : 150 Mbps
12. Antenna Type : PCB Printed Antenna
13. Antenna gain : 2 dBi
14. Operating Temperature Range : -20 ~ 55 °C
15. Channel bandwidth : 20/40 MHz