

# EOC Master+ 500

## RF:

**Used radio frequency:** 2 to 65 MHz

**Output Power:** 15 dBm

**Receiver sensitivity:** -65 dBm

**Input and output impedance:** 75 ohm

**Built-in low-pass filter:** No

## Management:

- Web – HTTP/HTTPS
- SSH - Cisco-like console
- Telnet - Cisco-like console
- MME – Management Message Entries

## Generic:

**Chipset:** AR7410/1500

**SDRAM size:** 32MB

### **Interface:**

- RJ45 – 10/100/1000M adaptive Ethernet port
- F-socket – EoC link

### **LED:**

- Power
- EoC Link
- 2×Ethernet port

**Standards:** IEEE 802.3, IEEE 802.3x, IEEE 802.3u Auto MDI (X) IEEE 802.1P, IEEE 802.1Q

**Agreement:** TDMA / CSMA

**Support:** VLAN, QoS

**Physical layer rate:** 600 Mbps

**MAC layer throughput (real speed):** 250Mbps

**Typical latency:** 6ms

**Modulation Schemes:** OFDM 4096/1024/256/64/16/8 QAM, QPSK, BPSK and ROBO

**Modulation Technology:** Windowed OFDM

**FEC Coding:** Turbo Code Rate ½ or Rate 16/21 (punctured)

**Individually controlled subcarriers:** 2880

**Maximal transmission distance:** Theoretically 900m of plain coaxial cable (not tested)

**Encryption mode:** 128-bit AES encryption

## Power:

**Power supply:** 12VDC

**Power consumption:** <7W

## Dimension:

**Dimensions:** 155 (L) x 85 (W) x 45 (H)

**Operating Temperature:** 0 ~ 40 °C

**Storage Temperature:** -10 ~ 55 °C