

# Data Sheet

## EZ Connect™ SMCHMANT-6



### 2.4 GHz Directional Home Antenna

The EZ Connect™ 2.4 GHz Directional Home Antenna (SMCHMANT-6) provides an extended range solution for your wireless networking hardware. Providing 3x the output power over standard dipole antennas (2dBi) this new 6dBi directional antenna will significantly extend your wireless network coverage area up to 50%. With support for all 2.4 GHz Wi Fi standards, including IEEE 802.11b, 802.11b+, and the new high speed 802.11g standard - this antenna will work on any wireless device that has the popular reverse SMA antenna connector.

The EZ Connect™ 2.4 GHz Directional Home Antenna works with all Barricade™ g Broadband Routers to boost your highspeed wireless signal in a specific direction. Supporting a total plug-and-play installation, this new directional antenna can be installed in 2 simple steps. Simply remove one of the default antennas from your Router, Access Point, or PCI card and connect the new SMCHMANT-6. To optimize your signal, place or mount this new antenna in a location to maximize your new boosted wireless signal.

### Features and Benefits

#### High Performance & Functionality

- Works with 2.4 GHz 802.11 technology to extend your wireless network
- Efficient antenna design provides 360 degrees of optimal coverage
- Flexible installation options - place on a desktop or mount to a wall
- Simple and Quick Installation - connects to any 2.4 GHz device in 3 steps
- Antenna Extension Cable - 100cm cable included

#### Compatibility

- 802.11b
- 802.11b+
- 802.11g
- Any 2.4 GHz Wireless Device with a Reverse SMA connector
- Operating System Independent works with any OS.

Product	Model No	Description
EZ Connect™	SMCHMANT-6	2.4 GHz Omni Directional Home Antenna

[www.smc-europe.com](http://www.smc-europe.com) [www.smc.com](http://www.smc.com)

**SMC**<sup>®</sup>  
Networks

## Specifications

### SMCHMANT-6

**Frequency Range:**

- 2400-2500MHz

**Gain:**

- 6dBi

**Voltage Standing Wave Ratio (VSWR):**

- 2.0:1 Max

**Polarization:**

- Linear Vertical

**Horizontal Plane:**

- 80°

**Vertical Plane:**

- 80°

**Impedance:**

- 50 Ohm

**Connector:**

- Reverse SMA Plug

**Cable Type:**

- ULA-316

**Cable Length:**

- 100cm

**Operating Temperature:**

- -10°C to 55°C

**Humidity:**

- 95% at 25°C

**Weight:**

- 125g (4.40oz)

**Dimensions:**

- 75 x 72 x 12 mm (2.95 x 2.83 x .47 in)

**Warranty:**

- Limited Lifetime

**Tech Support:**

- Free 24x7 Support via a Toll-free number

## EZ Connect™ SMCHMANT-6

### 2.4 GHz Directional Home Antenna

**SMC Networks Europe****Head Office**

Edificio Conata II  
Fructuós Gelabert 6-8 Planta 2  
08970 - Sant Joan Despi  
Barcelona  
Spain

Telephone: +34 93 477 4920

Facsimile: +34 93 477 3774

**SMC Networks Central Europe**

Telephone: +49 (0) 89 92861-0  
Facsimile: +49 (0) 89 92861-230

**SMC Networks CIS**

74, marshala Zhukova ave.  
Moscow 123103 Russia

Telephone: +7 095 789 35 73

Facsimile: +7 095 789 35 73

**SMC Nordic and Baltic**

Telephone: +45 (0) 566 62283

Facsimile: +45 (0) 566 62286

**SMC Networks Eastern Europe**

Telephone: +420 607 96 6699

Facsimile: +420 235 36 3905

**SMC Networks Italia**

Telephone: +39 348 706 90 65

**SMC Networks Netherlands**

Telephone: +31 627 075227

Facsimile: +31 334 557 330

**SMC Networks Ireland**

Telephone: +353 61 34 0675

Facsimile: +353 61 34 0675

**SMC Networks Sweden**

Telephone: +46 (0)8 687 0700

Facsimile: +46 (0)8 87 62 62

**SMC Networks North West Africa**

Telephone: +216 71 23 66 16

Facsimile: +216 71 75 14 15

**SMC Networks Sub-Saharan Africa**

Telephone: +27 012 661 0232

**SMC Networks South-East Europe**

Telephone: +49 (0) 89 74 08 00 80

Facsimile: +49 (0) 89 74 08 00 81

**SMC Networks Southern Europe**

Telephone: +33 (0) 1 41 38 32 32

Facsimile: +33 (0) 1 41 38 01 58

**SMC Networks Spain and Portugal**

Telephone: +34 (0) 636 2043

Facsimile: +34 (0) 636 2044

**SMC Networks United Kingdom**

Telephone: +44 (0) 1932 86 6553

**SMC**<sup>®</sup>  
Networks