



# Dual Band Antenna Series

## AU-3S-915C User Manual



©2008 San Jose Technology, Inc. All specifications subject to change without notice.

### Version A

May 08, 2008

#### **SANJOSE TECHNOLOGY, INC.**

11F., NO.2, SEC. 4, JHONGYANG RD., TUCHENG CITY

TAIPEI COUNTY 236, TAIWAN (R.O.C.)

TEL: 886-2-22694456

FAX: 886-2-22694451

WWW.SANAV.COM

[www.sanav.com](http://www.sanav.com)



## Content

|                                      |          |
|--------------------------------------|----------|
| <b>CHAPTER 1 OVERVIEW .....</b>      | <b>3</b> |
| 1.1 PACKAGE CONTENT .....            | 4        |
| <b>CHAPTER 2 SPECIFICATION .....</b> | <b>5</b> |
| <b>CHAPTER 3 WARRANTY .....</b>      | <b>6</b> |

©2008 San Jose Technology, Inc.  
All specifications subject to change without notice.

# Chapter 1 Overview

## Dual-Band Antenna Series

### MODEL: AU-3S-915C

A combination of both GPS and 915 MHz frequency antennas that is designed mainly to simplify the need for an AVL or Fleet Management antenna system

©2008 San Jose Technology, Inc.  
All specifications subject to change without notice.



**This AU-3S-915C** is a member of our mobile antenna series coming up with dual-band features. The combination of a high gain GPS antenna and a low profile and 915MHz frequency antenna is highly the applications that require durability, small in size, covert installation and ruggedized construction, such as covering vehicle roof and trunk lid interior deck or dashboard.

#### Features

- Low Noise Figure
- Fully Weatherproof
- Ultra-high Sensitivity
- Compact Construction
- Excellent Temperature Stability

## 1.1 Package Content

1. **AU-3S-915C Body  
(including a pair of  
dual-band cables) built in  
with a dual-band antenna**



2. **User Manual**



©2008 San Jose Technology, Inc.  
All specifications subject to change without notice.

## Chapter 2 Specification

|                       | GPS Antenna  | GSM Antenna                   |
|-----------------------|--|-------------------------------|
| Features              | High performance GPS patch antenna with state-of-the-art low noise amplifier | 915 MHz                       |
| Size                  | 64.5mm(D) x 14mm(H)  |                               |
| Frequency             | 1575.42 MHz  | 902 ~ 928 MHz                 |
| Polarization          | RHCP (right hand circular polarization)                                      | --                            |
| Gain                  | 26 dB typically  | -16 dBi                       |
| Noise Figure          | 1.5 max.   | -----                         |
| Attenuation           | 20dB min. @ F0+/-50MHz   | -----                         |
| Band Width            | 10 MHz   | 26 MHz                        |
| VSWR                  |  |                               |
| Impedance             | 50 ohm   | 50 ohm                        |
| Power Supply          | Power Consumption: 2.7~5.5 VDC / 13 mA                                       | Power Handling Capacity: 10 W |
| Cable & Connector     | 3m RG-174 SMA Connector  | 3m RG-174 SMA Connector       |
| Operating Temperature | -40°C ~+85°C   | -40°C ~+85°C                  |
| Storage Temperature   | -45°C ~+100°C  | -45°C ~+100°C                 |

\* This specification is subject to change without prior notice

**Data Updated:** May. 08, 2008

## Chapter 3 WARRANTY

### LIMITED WARRANTY

SANJOSE TECHNOLOGY, INC. expressly warrants that for a period of one (1) year from the date of purchase. Our accessories will be free of defects in material (parts) and workmanship (labor). Within the warranty period, a unit will be tested, repaired, or replaced at our option at no charge. If your unit is out warranty, we will quote repair charges necessary to bring your unit up to factory standards.

### THIS WARRANTY APPLIES ONLY TO ORIGINAL PURCHASE

Any unit under warranty should be shipped prepaid to our factory. Warranty replacements will take approximately ninety (90) days.

### WARRANTY EXCLUSION

THE FOREGOING EXPRESS WARRANTY IS MADE IN LIEU OF ALL OTHER PRODUCT WARRANTIES, EXPRESSED AND IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH ARE SPECIFICALLY DISCLAIMED. The express warranty will not apply to defects or damage due to accidents, neglect, misuse, alternations, operator error, or failure to properly maintain, clean or repair products.

### LIMIT OF LIABILITY

In no event will San Jose Technology, Inc. or any seller will be responsible or liable for any injury, loss or damage, direct or consequential, arising out of the use or the inability to use the product. Before using, users shall determine in the suitability of the product for their intended use, and users assume all risk and liability whatsoever in connection therewith.

### PURCHASER'S DUTIES

The purchaser must return the unit postpaid, with proof of the date of original purchase with the return address to:

#### **SANJOSE TECONOLOGY, INC.**

11F, NO.2, SEC. 4, JHONGYANG RD., TUCHENG CITY  
TAIPEI COUNTY 236, TAIWAN (R.O.C.)

TEL: 886-2-22694456

FAX: 886-2-22694451

[WWW.SANAV.COM](http://WWW.SANAV.COM)

TECHNICAL SUPPORT: [SANAV104@SANAV.COM](mailto:SANAV104@SANAV.COM)

