

Applicant: Tyco Safety Products/Sensormatic  
Correspondence Reference Number: 14787  
731 Confirmation Number: TC409250

Subject: RE: Request for additional information - FCC ID:BVCIDRDR2

Date of Original FCC Email: 11/02/2004

Dear Mr. Perrine,

Please find below the responses to the OET request for additional information regarding FCC ID: BVCIDRDR2:

1) Please provide the scenarios where this device will be installed e.g. store entry, ware house exit. What means will be used to maintain the required 23 cm spacing.

Response:

1. Dock doors - where transient activity occurs.
2. Conveyor belt systems - These antennas are patch antennas with a ground plane that minimizes rear/back emissions and provides a forward directional field. The antennas are arranged pointing towards the inside of the conveyor.
3. Shelves - the antenna is recessed inside the shelf where the distance form the radiator would be a minimum of 23 cm when installed according to the manual.

These are typical applications but not the only applications. Other applications, not yet defined would also be either transitory, no backfield, or include adequate setback as described above.

A statement regarding exposure was crafted with the assistance of the FCC for FCC ID: BVCDMS915. As the Agile 2 reader will be installed and used in similar environments we submit that the same statement is applicable.

This statement [copied below for your convenience] appears on the front page of the setup / install manuals as a regulatory requirement for installers.

**Note to installers:**

For FCC compliance, the module must be located where persons are not likely to linger within 23cm (9in) of the RF antennas. A 23cm (9in) setback is not required provided the antenna location does not promote lingering within 23cm (9in) of the antennas. For example, do not locate antennas adjacent to a chair or bench.

A copy of the applicable page of the setup / installation guide is Appendid as Appendix 1.

2) Please provide photos of the authorized antennas and cables for this device.



OmniWave Antenna with supplied 25' coaxial cable



OmniPoint UHF Long and OmniPoint UHF Short Antenna

[Supplied with same 25' cable as pictured above]



Matrics Series 1 Antenna with supplied 25' coaxial cable

Please feel free to contact me with any further questions.

Sincerely,

A handwritten signature in black ink, which appears to read 'William M. Elliott'.

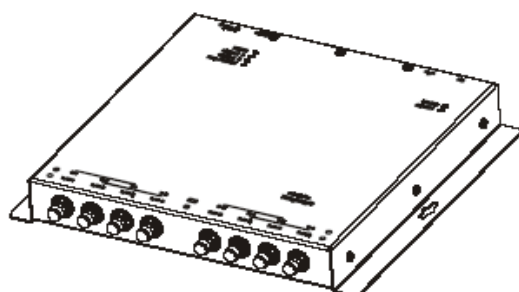
William M. Elliott

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## Agile2 Reader

### Installation and Service Guide



IDRDR2A4UNA	4 Port UHF NA
IDRDR2A8UNA	8 Port UHF NA
IDRDR2B2UNA	2 Port UHF - NA 1/0
IDRDR2B4UNA	4 Port UHF - NA 1/0

The Agile2 Reader uses RFID (radio frequency identification) technology to read data stored on RFID tags and labels. The reader operates as an SQL (structured query language) server, providing tag data in response to requests from another application. A separate software application may be used to direct its operation and provide a user interface.

The reader supports UHF (ultra high frequency) antennas, which are available separately. The reader supports multiple configurations of UHF antenna ports and transfers data to a remote computer either through a wired 10/100 Ethernet connection.

#### Note to installers:

For FCC compliance, the module must be located where persons are not likely to linger within 23cm (9in) of the RF antennas. A 23cm (9in) setback is not required provided the antenna location does not promote lingering within 23cm (9in) of the antennas. For example, do not locate antennas adjacent to a chair or bench.

#### If you need assistance...

Call the RFID support line at 800-543-9740.

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## About this Guide

This installation and service guide explains how to install the Agile2 Reader and use the browser-based interface.

Use the instructions provided with the antennas to install and service the antennas.

Other related Agile2 Reader documents are:

- Regulatory Information for the User, 8200-0222-16
- Query Protocol Reference Guide, 8200-0222-09
- Industrial Enclosure Installation Guide, 8200-0222-11

Antenna Documents:

- OmniPoint™ Antenna Mounting Instructions, 8200-0314-02
- OmniWave Antenna Mounting Instructions, 8200-0314-03

**Note:** Because customer requirements dictate the placement of reader and antenna components, your Sensormatic representative will supply this information separately.