

# Q10C Bridge Deck Scanning System



## General

|                               |   |
|-------------------------------|---|
| Description:                  |   |
| Product Brochure:             |   |
| Product Video (url):          |   |
| Product Manual:               |   |
| Year of Initial Introduction: |   |
| Application Type:             | Concrete Structure, Road/Bridges Inspection |
| Mounting:                     | Carriage                                    |
| Max Power Consumption {W}:    |   |
| Power Type:                   |   |

## Control Module

|                                  |                                   |
|----------------------------------|-----------------------------------|
| Type:                            | Integrated in antenna assembly    |
| Weight [kg]:                     |                                   |
| Size (mm):                       |                                   |
| Power Consumption :              |                                   |
| Pulse Repetition Frequency (Hz): | 0.1-4 MHz-adjustable              |
| Time Window (ns):                | 10 ps-6.4 ns (in 10ps increments) |
| Samples Per Trace:               | 2-8192, Adjustable                |
| Number Of Antennas Connections:  |                                   |
| Hardware Amplification:          |                                   |
| Hardware Filtering:              |                                   |

## Datalogger

|  |          |
|--|----------|
| Power consumption [W]:                   |          |
| Minimum Operating Temperature (Celsius): | -11      |
| Maximum Operating Temperature (Celsius): | 50       |
| Type:                                    | Handheld |
| Operating System:                        | Windows  |

|                                 |                                     |
|---------------------------------|-------------------------------------|
| <b>Weight (kg):</b>             |                                     |
| <b>Display Type:</b>            |                                     |
| <b>Display Size (inches):</b>   | 10.1                                |
| <b>Display Resolution:</b>      |                                     |
| <b>Storage Type:</b>            | Both                                |
| <b>Storage Size (GB):</b>       | 32                                  |
| <b>Data Format:</b>             |                                     |
| <b>Antennae</b>                 |                                     |
| <b>Weight [kg]:</b>             |                                     |
| <b>Type:</b>                    |                                     |
| <b>Shielding:</b>               | Shielded                            |
| <b>Peak Frequency (MHz):</b>    |                                     |
| <b>Central Frequency (MHz):</b> | Broadband, Available as 1000 or 900 |
| <b>Frequency Range:</b>         |                                     |
| <b>Bandwidth (GHz):</b>         | >3 GHz                              |
| <b>Size (mm3):</b>              |                                     |
| <b>Antenna Seperation (cm):</b> |                                     |
| <b>Output Power (dB):</b>       |                                     |
| <b>Positioning</b>              |                                     |
| <b>Type:</b>                    |                                     |
| <b>Position Resolution:</b>     |                                     |
| <b>Case Studies</b>             |                                     |
| <b>Case Study 1: title:</b>     |                                     |
| <b>Case study 1 (pdf):</b>      |                                     |
| <b>Cast study 2: title:</b>     |                                     |
| <b>Case Study 2 (pdf):</b>      |                                     |

## US RADAR INC.

### Company address

121 Amboy Rd - PO Box 319  
07747 Matawan  
NJ  
United States of America

**Telephone:**

+1 732-566-2035

**Website:**

<http://www.usradar.com/>