

# Proximity Reader UR110U

## Instruction Sheet



# Proximity Reader UR110U

The UR110U is compact size proximity reader with medium reading range. It can be powered by USB at 5VDC voltage. Output format and LED light configurable with RFID software

<b>Power Requirements</b>	5 Volts regulated DC A linear regulator is recommended .
<b>Interface</b>	19.2K Baud Serial ASCII (USB Series port) Or special to customer specifications .
<b>Typical Maximum Read</b>	Range 3~7cm with EM card.
<b>Frequency</b>	125KHz standard
<b>Transponder</b>	Read Only (For Unique Serial Number / Unique Identifier)
<b>Audio/Visual Indication</b>	Internal LED and Buzzer.
<b>Dimensions</b>	10 x 3.2 x 1.6 cm
<b>Operating Temperature</b>	-10 to 60 Deg C.
<b>Interface Cable</b>	40 cm

## Output Format Data Structure (Serial ASCII)

### UR110U-00

Baud Rate : 19200,N,8,1

<b>STX(02 HEX)</b>	<b>DATA( 8 HEX CHARACTERS )</b>	<b>CR</b>	<b>LF</b>	<b>ETX(03 HEX)</b>
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### UR110U-10

Baud Rate : 19200,N,8,1

<b>STX(02 HEX)</b>	<b>DATA( 8 HEX CHARACTERS )</b>	<b>BCC</b>	<b>CR</b>	<b>LF</b>	<b>ETX(03 HEX)</b>
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The start character is factory defined as an 'STX' (02 HEX). This is followed by 8 Hex characters of data .The BCC characters is a character added to a transmission block to facilitate error detection. The 'CR\LF' characters serve to bring the received screen text back to the left hand side and on the line below after the data bytes have been sent. The 'ETX' (03 HEX) character denotes the end of the current transmission.



**CAUTION:**

**The crossed out wheeled bin label that can be found on your product indicates that this product should not be disposed of via the normal household waste stream.**

**To prevent possible harm to the environment or human health please separate this product from other waste streams to en-sure that it can be recycled in an environmentally sound manner.**

**For more details on available collection facilities please contact your local government office or the retailer where you purchased this product.**

**This information only applies to customers in the European Union.**

**For other countries, please contact your local government to investigate the possibility of recycling your product.**