



**EU – TYPE EXAMINATION CERTIFICATE**  
**RADIO EQUIPMENT DIRECTIVE 2014/53/EU**  
**Annex III Module B**


**MANUFACTURER**

Name	:	UROVO TECHNOLOGY CO.,LTD.
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**PRODUCT DESCRIPTION**

Trademark/Trade Name	:	UROVO
Model Number	:	DT50P, DT50PS, DT51P, RFDT50, DT50 Pistol Grip
Product Description	:	Handheld Data Terminal

**NOTIFIED BODY**

Certificate issued by	:	Notified Body 1177, TIMCO Engineering, Inc.		
Certificate number	:	1177-200333		
Name and Signature	:	Bruno Clavier		Date: September 18, 2020

The device shall be marked as follows: **CE**

Based on the evidence presented in the Technical Documentation, TIMCO Engineering, Inc., as appointed Notified Body, has issued this EU-Type Examination Certificate in accordance with Annex III Module B. The product described appears to be in conformity with the essential requirements Article 3.1(a), 3.1(b), and 3.2 of RED 2014/53/EU. This certificate relates only to the documents as provided to Timco Engineering, Inc. and is valid up to (1) the date of cessation of presumption of conformity of any of the superseded standards which were used for testing this product and assessed by Notified Body or (2) the date of modifications to the approved type that may affect the conformity of the apparatus with the essential requirements of this Directive or the conditions for validity of that certificate, whichever comes first.

<b>TIMCO ENGINEERING, INC.</b> P.O. BOX 370 NEWBERRY, FL 32669 www.timcoengr.com	This Certificate is issued under the provision that TIMCO Engineering Inc. nor its subsidiary companies accept any liability concerning the contents of this document other than forced by law. Reproduction of the Certificate (with Annex) in full is allowed. Reproduction of parts of this certificate may only be allowed by written permission of TIMCO Engineering, Inc.
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**1177-200333**

Date: September 18, 2020

**PRODUCT SPECIFICATIONS**

Intended Use / Category	: GSM, GPRS, EGPRS
RF output power (type)	: GSM900: 32.94dBm, GSM1800: 30.85dBm (Conducted)
Frequency range (MHz)	: GSM900: Tx: 880-915MHz, Rx: 925-960MHz DCS1800: Tx: 1710-1785MHz, Rx: 1805-1880MHz
Modulation	: GMSK, 8PSK
Antenna type and Gain	: Internal

Intended Use / Category	: WCDMA, HSDPA, HSUPA
RF output power (type)	: WCDMA Band 1: 23.25dBm, WCDMA Band 8: 23.28dBm (Conducted)
Frequency range (MHz)	: WCDMA Band 1: Tx: 1920-1980MHz, Rx: 2110-2170MHz WCDMA Band 8: Tx: 880-915MHz, Rx: 925-960MHz
Modulation	: QPSK, 16QAM
Antenna type and Gain	: Internal

Intended Use / Category	: FDD-LTE Band1, 3, 7, 8, 20, 28 TDD-LTE Band 38,40
RF output power (type)	: FDD-LTE Band 1: 23.57dBm, FDD-LTE Band 3: 23.36dBm, FDD-LTE Band 7: 23.80dBm, FDD-LTE Band 8: 24.69dBm, FDD-LTE Band 20: 24.25dBm, FDD-LTE Band 28: 24.04dBm, TDD-LTE Band 38: 23.74dBm, TDD-LTE Band 40: 23.77dBm (Conducted)
Frequency range (MHz)	: FDD-LTE Band 1: Tx: 1920-1980MHz, Rx: 2110-2170MHz FDD-LTE Band 3: Tx: 1710-1785MHz, Rx: 1805-1880MHz FDD-LTE Band 7: Tx: 2500-2570MHz, Rx: 2620-2690MHz FDD-LTE Band 8: Tx: 880-915MHz, Rx: 925-960MHz FDD-LTE Band 20: Tx: 832-862MHz, Rx: 791-821MHz FDD-LTE Band 28: Tx: 703-748MHz, Rx: 758-803MHz TDD-LTE Band 38: Tx: 2570-2620MHz, Rx: 2570-2620MHz TDD-LTE Band 40: Tx: 2300-2400MHz, Rx: 2300-2400MHz
Modulation	: QPSK, 16QAM, 64QAM
Antenna type and Gain	: Internal

Intended Use / Category	: Bluetooth 5.0
RF output power (type)	: Max. 6.55dBm (EIRP)
Frequency range (MHz)	: 2402-2480MHz
Modulation	: GFSK, Pi/4 DQPSK, 8DPSK
Antenna type and Gain	: Internal

Intended Use / Category	: Wi-Fi (2.4G) 802.11b/g/n(HT20/40)
RF output power (type)	: Max. 15.18dBm (EIRP)
Frequency range (MHz)	: 2412-2472MHz
Modulation	: DBPSK,BPSK,DQPSK,QPSK,CCK,16QAM,64QAM
Antenna type and Gain	: Internal

Intended Use / Category	: Wi-Fi (5G) 802.11a, 802.11n-HT20/40
RF output power (type)	: Max. 12.56dBm (EIRP)
Frequency range (MHz)	: BAND1:5150-5250MHz 5250-5350 MHz 5470-5725 MHz
Modulation	: BPSK, QPSK,16QAM, 64QAM, 256QAM
Antenna type and Gain	: Internal

Intended Use / Category	: SRD (5.8G) 802.11a, 802.11n(HT20/40); 802.11ac-VTH20/40/80
RF output power (type)	: Max. 13.86dBm (EIRP)
Frequency range (MHz)	: 5725-5850MHz
Modulation	: BPSK, QPSK,16QAM,64QAM, 256QAM
Antenna type and Gain	: Internal

Intended Use / Category	: GPS/GLONASS/BDS
RF output power (type)	: /
Frequency range (MHz)	: 1559MHz-1610MHz
Antenna type and Gain	: Internal

Intended Use / Category	: RFID
RF output power (type)	: Max.28.8dBm (ERP)
Frequency range (MHz)	: 865MHz ~ 868MHz (Lower band)
Modulation	: ASK
Antenna type and Gain	: Internal

According to the Technical Documentation compiled by the Manufacturer, this radio equipment was assessed for compliance with the following standards, which were applied in full:

#### ESSENTIAL REQUIREMENTS ASSESSED

Essential Requirement	Standard Number & Version
Radio (Article 3.2)	: EN 301 511 V12.5.1 (2017-03) EN 301 908-1 V13.1.1 (2019-11) EN 301 908-2 V11.1.2 (2017-08) EN 301 908-13 V13.1.1 (2019-11) EN 300 328 V2. 2.2 (2019-07) EN 301 893 V2.1.1 (2017- 05) EN 303 413 V1.1.1 (2017- 06) EN 300 440 V2.2.1 (2018-07) EN 302 208 V3.1.1 (2016-11)
EMC (Article 3.1b)	: EN 301 489-1 V2.2.3 EN 301 489- 3 V2.1.1 Draft EN 301 489-17 V3.2.2 EN 301 489-19 V2.1.1 Draft EN 301 489-52 V1.1.0
Health (Article 3.1a)	: EN 50566:2017 EN 50360: 2017 EN 62479: 2010 EN 62209-1:2016 EN 62209-2:2010
Safety (Article 3.1a)	: EN 62368-1:2014+A11:2017

### LIST OF DOCUMENTS REVIEWED

Item	Exhibit Description		
1	Copy of the Declaration of Conformity		<input checked="" type="checkbox"/>
2	Letter from Manufacturer/Applicant authorizing the agent and/or representative, if application is filed by someone other than the Manufacturer.		<input checked="" type="checkbox"/>
3	Attestation letter demonstrating compliance with Article 10(2)		<input checked="" type="checkbox"/>
4	Letter of Attestation and/or exhibits for compliance with Article 10(10) (i.e. info on packaging with user instructions)		<input checked="" type="checkbox"/>
5	A brief description of the radio equipment (e.g. Operational Description)		<input checked="" type="checkbox"/>
6	Photographs or illustrations showing external features, marking and internal layout		<input checked="" type="checkbox"/>
7	RED Annex VI Point 8 - Where applicable, a description/or declaration statement about the versions of software or accessories and components affecting compliance with essential requirements. Alternatively, indicate whether the manufacturer intends to allow the end-user to change or modify the hardware and software.		<input checked="" type="checkbox"/>
8	User information and installation instructions		<input checked="" type="checkbox"/>
9	Conceptual design and manufacturing drawings and schemes of components, sub-assemblies, circuits and other relevant similar elements (i.e. Schematics and Block Diagrams)		<input checked="" type="checkbox"/>
10	Descriptions and explanations necessary for the understanding of those drawings and schemes and the operation of the radio equipment (i.e. a Circuit Description where applicable)		<input checked="" type="checkbox"/>
11	RED Annex III module B - Analysis and assessment of the risk(s)		<input checked="" type="checkbox"/>
12	Modification/Standard Update/Applicant or Manufacturer info change letter explaining the changes to the existing version of the product along with supporting exhibits (e.g. photos, schematics, new applicant details, etc.)		<input type="checkbox"/>
13	Copy of the EU-type examination certificate and annexes as delivered by other notified bodies involved in the conformity assessment (e.g. original certificates in case of product modifications, modules certificates, etc.)		<input type="checkbox"/>
14	<b>Test Reports</b>		<input checked="" type="checkbox"/>
	<b>Radio / EMC / Health / Safety</b>	<b>Test Report File Name</b>	<b>Issue Date/ Rev. No</b>
	EMC	WT208000393	Sep. 4, 2020 / V1.0
	Radio RF ID	WT208000401	Sep. 4, 2020 / V1.0
	Radio GPS	WT208000400	Sep. 1, 2020 / V1.0
	Radio GSM/UMTS	WT208000395	Sep. 4, 2020 / V1.0
	Radio LTE	WT208000396	Sep. 4, 2020 / V1.0
	Radio Wi-Fi/BT	WT208000397	Sep. 1, 2020 / V1.0
	Radio Wi-Fi 5G	WT208000398	Sep. 1, 2020 / V1.0
	Radio Wi-Fi 5.8G	WT208000399	Sep. 1, 2020 / V1.0
	Health	WT208000394	Sep. 3, 2020 / V1.0
	Safety	WT203001154	Sep. 2, 2020 / V1.0