WOXU 2021 Product Selection Manual
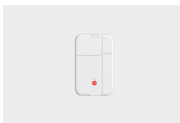
沃旭通讯
WOXU WIRELESS

WOXU Product Catalog
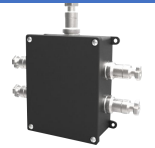
UWB TAG	UT-206-H · UT-221-L · UG-230 · UT-230 · UT-226-E4 · UT-241-C · UT-241-G · UT-241-E · UT-224
BLE Product	BA-10 · BT-10 · BB-10 · BT-10 -G · BT-11-E3
UWB Anchor	UA-210 · UA-210-O · UA-220 · UA-220-O · UA-221 · UA-231 · UA-180-DHO
UWB Kit	UWB RTLS kit · Anti-collision kit
Others	US-10 · SG-10 · DG-420 · DG421（comming soon)
Software	Server LS-1000 · Platform (WPAS)

UWB TAG

	Model	Type	Main Features	Protection Level	Certification	Typical Applications	Product Picture
Tag for people /device	UT-224	Smart watch	✔ Support BLE 5.0 ✔ Step count ✔ 1.3inch LCM ✔ Magnetic absorb recharge	IP67	✔ Certification is in progress	✔ Judiciary,industry 4.0,power,hospital	
	UT-206-H	Wristband /Helmet/ Pocket	✔ Vibration ✔ Magnetic absorb recharge	IP67	✔ CE ✔ FCC ✔ RoHS ✔ WEEEE	✔ Warehousing, Building & Construction,Manufacturing ,etc. ✔ Apply to social distancing	
	UT-221-L	Anti-dismantle	✔ UWB Anti-dismantling Tag ✔ Heart rate ✔ RFID(optional) ✔ Magnetic absorb recharge	IP67	✔ IP	✔ Police,prison	

UWB TAG

	Model	Type	Main Features	Protection Level	Certification	Typical Applications	Product Picture
Tag for people/ device	UT-241-C/G	Card	✓ Step count ✓ Mi-fare (Optional) ✓ Magnetic absorb recharge	IP67	✓ UT-241-C（Exib IIC T6 Gb）	✓ Power plant ,chemical industry ,etc.	
	UT-241-E	Card with E-ink	✓ Support SOS ✓ support step count，fall detection,etc.	IP67	✓ Certification is in progress	✓ For people's location ✓ Industry 4.0	
	UG-230	Vehicle TAG	✓ 433MHz wireless and BLE ✓ 485 interface ✓ Two Relays built-in ✓ Power supply from the vehicle	IP65	✓ SRRC ✓ IP	✓ Anti-collision（human,car,vehicle) ✓ Long Distance Ranging	
Asset Tag	UT-230	Assert TAG	✓ Support Bluetooth5.0 ✓ High-brightness LED ✓ Large battery capacity ✓ Support NFC(optional)	IP67	✓ IP ✓ EMC	✓ Warehouse logistics	
	UT-226-E4	Asset TAG with E-ink	✓ IEEE 802.15.4z UWB ✓ Asset, time, power display ✓ Support BLE 5.0 ✓ Standby time > 4 years	IP65	✓ Certification is in progress	✓ Support high-frequency UWB, with many usage scenarios	

UWB Anchor

Model	Type	Main Feature	Protection Level	Certification	Typical Applications	Product Picture
UA-210/ UA-210-O	Indoor (UA-210); Outdoor(UA-210-O)	✓ DC 12～48 V ✓ IEEE 802.15.4a UWB ✓ IEEE 802.3 af/at PoE	UA-210（IP54); UA-210-O（IP67）	✓ UA-210-0（SRRC、IP）	✓ Long distance ✓ Plant,judiciary,hospital	
UA-220/ UA-220-O	Indoor (UA-220); Outdoor(UA-220-O)	✓ UWB/Wifi ✓ 802.3at/af POE	UA-220(IP54); UA-220-O(IP67+	✓ UA-220（FCC、SRRC、CE、RoHS、WEEE) ✓ UA-220-O（IP)	✓ Normal location ✓ Hospital,school ✓ Judiciary,plant	
UA-221	Indoor application	✓ Time Synchronization for wireless ✓ Support BLE 5.0 /ZigBee 3.0 ✓ Wired Sync ✓ support sensor access（optional）	IP54	✓ TELEC、SRRC（Certification is in progress）	✓ Ceiling installation ✓ Mainly for industry 4.0	

UWB Anchor

Model	Category	Main Features	Protection Level	Detection report	Certification	Product Picture
UA-231	Indoor application	✓ Normal power ✓ UWB Antenna is built in ✓ Power supply over ethernet (DC 12～48V) ✓ Support BLE assistant positioning	IP54/unprotected	✓ SRRC ✓ EMC	✓ Hospital, Judiciary ✓ Ceiling installation	
UA-180-DHO	Outdoor application	✓ WD>300m ✓ High power ✓ IEEE 802.15.4a UWB ✓ IEEE 802.3 af/at PoE	IP67	✓ SRRC	✓ Tunnel,metro,pipe gallery	

Model	Title	Main Feature	Protection Level	Certification	Typical Applications	Product Picture
US-10	Wired time sync distributor	✓10 * 10/100M network & synchronization ✓ Support synchronous cascade ✓4 * Giga ✓1* USB Debug interface	IP67	✓ Certification is in progress	✓ Industry 4.0	
SG-10	Sensor gateway	✓ UWB backhaul ✓ Modbus access	IP65	-	-	
DG-420	Digital gateway	✓ 433MHz & 2.4GHz ✓ 10/100Mbps Ethernet backhaul	IP67	✓ EX	✓ Cement plant, electric power, chemical industry	
DG421	comming soon...					

Model	Type	Main Features	Protection Level	Typical Applications	Product Picture
BA-10			IP67		
BT-10/BT-10-G			IP67	BLE products are more suitable for government agencies, such as police, court,hospitals, etc., also can be applied in some industrial environment like power plants,cement plants and so on.	
BB-10	Bluetooth	Comming soon...	IP65		
BT-11-E3			IP67		

Cooperation Multiples The Success

Could you share some thoughts about BLE?Maybe your any comments will improve the BLE products features. Look forward to working together with you to develop the BLE products you need. Any ideas,please get in touch with tina@woxuwireless.com.

In the industrial manufacturing process, the precise location of people, machines, and materials is becoming increasingly important. Precise data analysis of location information is used to improve the management levels in smart factories.In this case, <u>We provide you with the following corresponding equipment,you may choose:</u>

Anchor →

UA-221

Others →

US-10 Wired sync controller

SG-10 Sensor gateway

Tag →
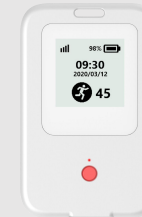
UT-241-C

UT-241-E

UG-230-P

UT-224

UT-226-E4

Woxu Wireless applies UWB positioning technology to the safety management system of the power plant personnel , which fundamentally solves the problems of the difficulty in time savings, process optimization and theft protection. <u>In this case, We provide you with the following corresponding equipment,you may choose:</u>

Anchor →

UA-220/UA-220-O

Others →

SG-10
Sensor gateway

Tag →

UT-206-P

UT-241-C/E/G

UT-224

Underground/Tunnel/Pipe gallery

Within the context of tunnels or utility tunnels, your company is mostly concerned about explosion-proof issues and prompt alarm systems for abnormal situations. In this case, We provide you with the following corresponding equipment,you may choose:
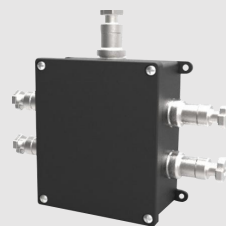
Anchor →

UA-180-DHO

Others →

UG-230

SG-10
Sensor gateway

Tag →

UT-206-H

In areas such as warehousing, logistics, hospitals, etc., they have lower requirements for positioning accuracy. The BLE series products are more suitable for them, which are not afraid of any obstructions, and the cost is lower.<u>We offer you the following equipment options,you can choose:</u>

BLE AoA anchor →

BA-10

BLE 5.1 wristband →

BT-10

BLE tag →

BT-11

CONTACT US

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