

wiwi

The leader in New Wireless communication
Full Duplex Radio Communication Systems



SET
SEYOUNG

NEW

wiwi AT-24 Army Tiger Military Radio Development

Ministry of national defense

✓ Two-way communication between Wave-form and Wave-form

- Up to 6 simultaneous calls per channel
- Wave-form and military radio interlocking communication support (RF communication)

✓ Security suitability verification with quantum cryptography built-in

- Built-in KCMVP + QRNG chipset type quantum cryptography



Support L.O.S
900m or more
communication
distance



Strong durability
with IP67 water-
proof / dustproof
application



Explosion-proof
certification to
be applied



Noise control
above 80 dB



Supports up to
80 channels



When using dedi-
cated equipment
(gateway), support
for interlocking with
existing military
radios



fixed relay support
(sequential relay)

- Size : 60 × 120 × 35 mm
- Operating temperature : -33°C ~ 50°C
- Usage time : About 10 hours
- Weight : 170g (without battery)

NEW

wiwi Premium Wearable Communication Device

Anytime, Anywhere with Hands-Free!!

Stop the difficult operation! Just turn it on and listen. That's All.

Use it in 2 seconds!

ON / OFF



Feel comfortable & Safely



Innovative
wearable design



It can be worn
on both left
and right



Sensational
Two-tone
design in black
and gray color



Small and
light weight
design



Easy to use



• Dimension : 63 × 21 × 12 mm

• Battery information : Battery 150mAh / 12 × 35 × 4 mm

• Using time : Max. 5hr

wiwi Specifications



Model	SH-320	SH-350G/M	SH-380F	DP-20
Type	Wireless communication intercom	Wireless communication intercom	Wireless communication intercom	Wired Repeater
Usable frequency band	2.403~2.481GHz	2.403~2.481GHz 863~865MHz 902~928MHz	4xx MHz	2.403~2.481GHz 863~865MHz 902~928MHz
Number of channels	4	40(KOREA) 8(Europe) 4(U.S.A)	80	-
Power source	Lithium polymer Battery 3.7V 800mA	Lithium polymer Battery 3.7V 1,300mA	Lithium polymer Battery 3.7V 2,000mAh	5V 2A
Effective service distance(L.O.S)	Up tp 300m	Up to 500m	0.1W : 500m 0.5W : 800m 1W : 1km	-
Battery time	Max. 11hr	Max. 10hr	Max. 10hr	-
Recharge time	2hr	3hr	3hr	-
Protective design	-	IP54	IP67	-
Weight	39g	70g	120g	190g
Dimension	32×65×22mm	38×78×19mm	50×100×23mm	140×98×30mm
Ambient operating-temperature range	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C
Information display	LED	LCD	OLED	LCD

* OEM, ODM-enabled products

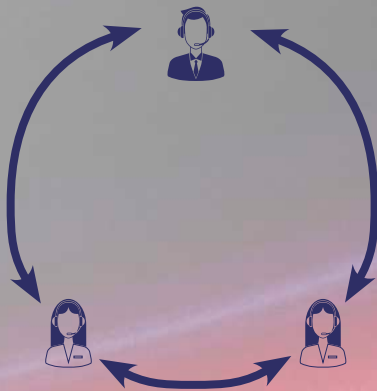
* All headset connections on the WiWi are 3.5mm.

wiwi Full Duplex Radio Communication Systems

✓ **Full duplex voice communication between WiWi devices**

✓ **It operates in two modes**

- Only one person in master mode
- Unlimited numbers of users in follower mode (receiver mode)
- Two-way Simultaneous Communications among 6 people



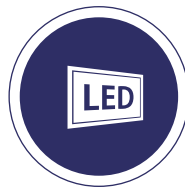
SH-320

BEST

Selected as an excellent private commercial item of 2015
by the Ministry of National Defense.



39g Light
weight



LED Information
Display



3.5mm(4 pole)
Earset compatible



Simultaneously
use up to 4
groups



wiwi Full Duplex Radio Communication Systems

- ✓ Built-in microphones and speakers
- ✓ White noise suppression & Attenuation of surrounding environment sound
- ✓ Support Bluetooth

SH-350 G/M

HIT

Selected as an excellent private commercial item of 2020
by the Ministry of National Defense.



70g Light
Weight



IP54 Dustproof
/ Waterproof



LCD
Information
Display



Simultaneously use
up to 40 groups
(The number of
channels depends on
the frequency band)



3.5mm
(4 pole) Earset
compatible



SH-350 M



SH-350 G



The features of Bluetooth

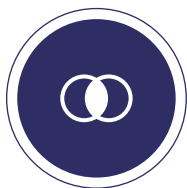
- Bluetooth Version : V5.0
- Chipset : CSR QCC3020
- Talk time : 12~13 hours
- Music time : 12~13 hours
- Standby time : 180 hours
- Charging time : 1~2 hours

* It's a perfect ear-tailored design, and there is no problem with active movement.

SH-380F



Communication support by group
(Each plays the role of Master / Follower / Really : up to 5 units)



A combination of repeater and communication intercoms
(Sequential relay support)



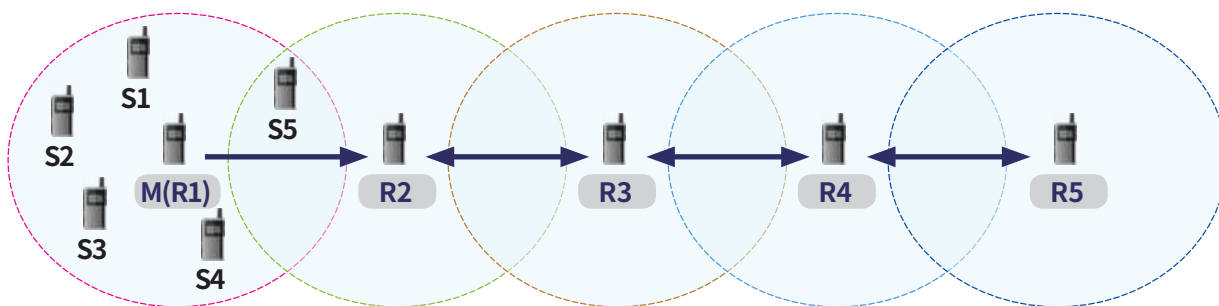
80 channels support



Apply quantum cryptography



The configuration diagram of fixed communication relay system



- Simultaneous Talk of Users : Max 6 person (Intercom)
- Maximum Receivers : Unlimited
- Maximum Repeaters : Up to 5 repeaters (R1 ~ R5)

- M(R1): Master Mode (Intercom)
- R2, R3, R4, R5: Relay Mode
- S1, S2, S3, S4, S5: Follower Mode(Intercom)

wiwi Wired & Wireless Transmission Systems

For communication between separate spaces



DP-20 (2port Wired Relay System)



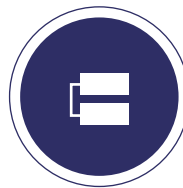
To extend the communication range of WiWi



Up to 10 units can be linked



Up to 3 simultaneous talk



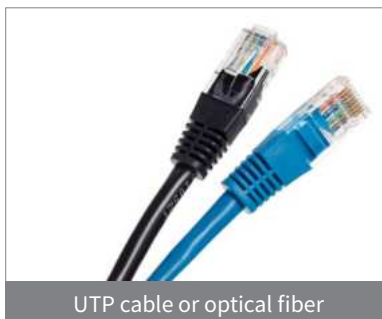
Wired communication range : 100m (LAN), 2km (Optical Fiber)



The components of Wired transmission system



DP-20

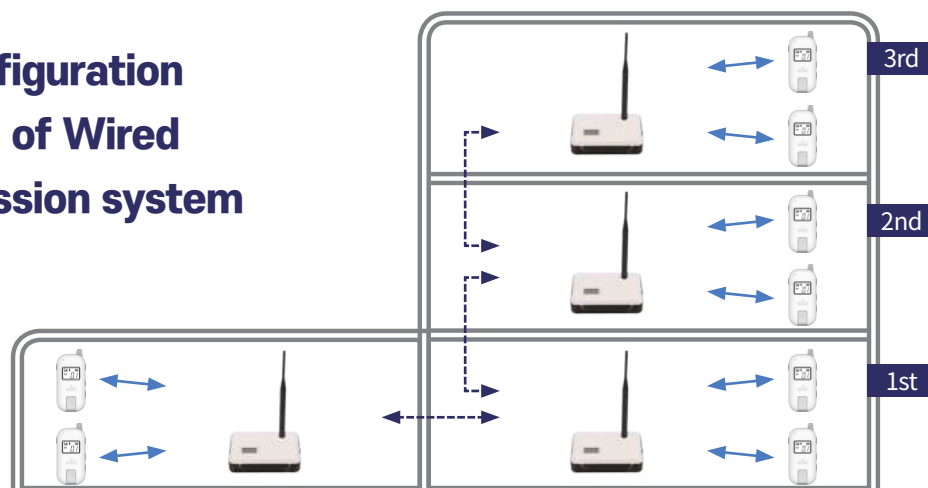


UTP cable or optical fiber



C-type USB cable

The configuration diagram of Wired transmission system



wiwi Wireless Transmission Systems

Long distance



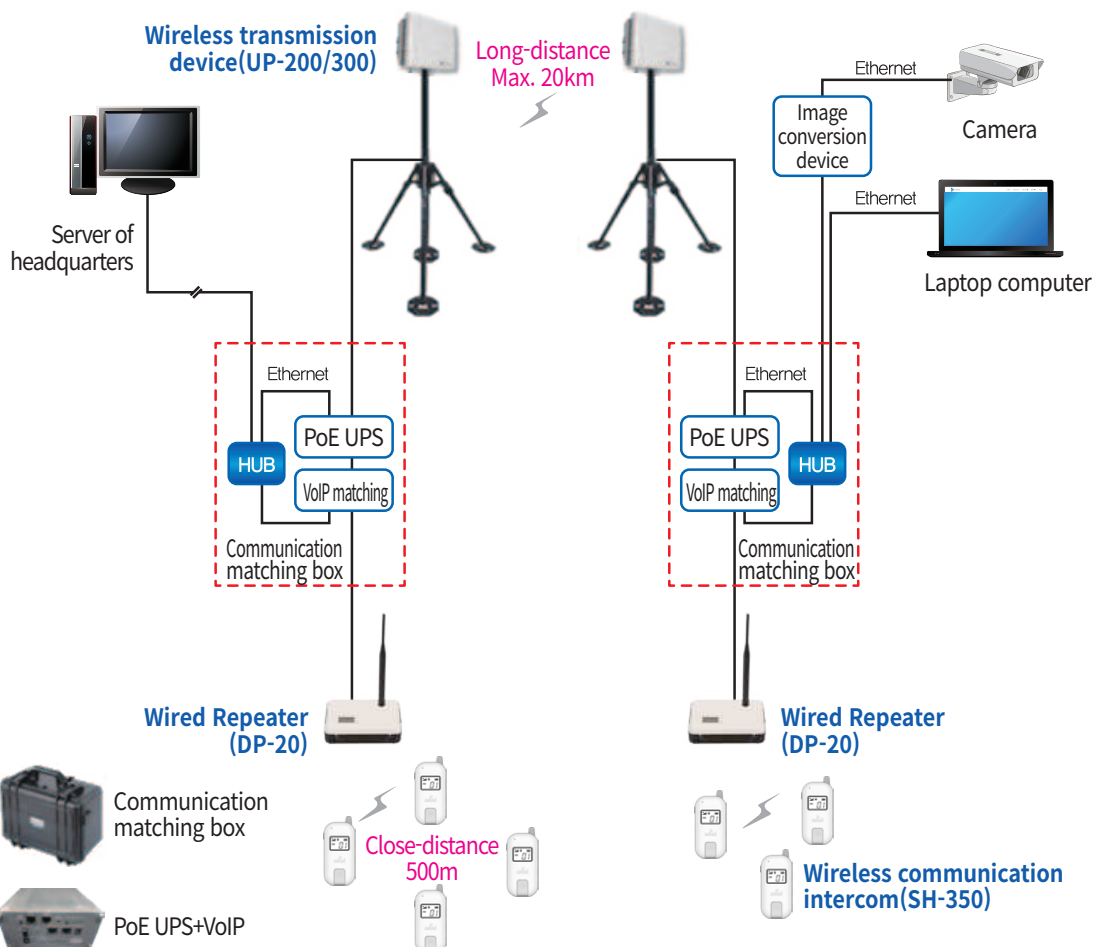
UP-200/300

Selected as an excellent private commercial item of 2016 by the Ministry of National Defense.

UP200/300 is a data transmission equipment that can move various data easily, including video, document, photo, voice, bulky file, through the wireless system.

It can be simply and easily installed even where cable installation is difficult due to geographical problems. In addition, it can save installation and maintenance cost for wired communication.

It transmits HD-quality video and a live relay is possible.



With the reserve force information firearms management system (GSS-R) program, it is possible to identify the number of guns received, returned, and the total number, and to check overall information on reserve force training, such as identification of the list of reserve forces by division, inquiry of attendee status, and payment of transportation and meal expenses. This is a program that can do it.

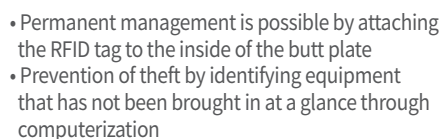
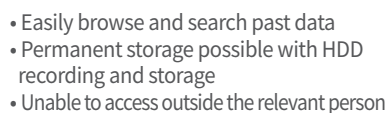
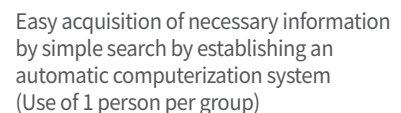
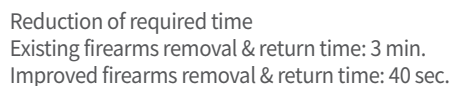


RFID reader

electronic signature

RFID Features

Effect of reducing input manpower
(2 people in 1 group → 1 person
reduction effect)



Since it has a container that enables simultaneous recharging, it is easy to carry around. Many types of in-ear devices give a user a better choice for purpose and preference.

Rechargers & Containers



CB-320A / CB-350
Simultaneous recharger for up to 30 units and a container
· Input Voltage : AC100-240V, 50/60Hz
· Output Voltage : DC 5V / 6A
· Size(mm) : 455x330x120(mm)
· Charging Capacity : Max 30EA



CB-110 / CB-150
The container for 10 units
It can contain 10 units of SH-320, rechargers, adapters, and earsets



C-320 / C-350
Simultaneous recharger for up to 10 units
· Input Voltage : AC100-240V, 50/60Hz
· Output Voltage DC : 5V / 6A
· Size(mm) 210x90x60(mm)
· Charging Capacity Max 10EA



C-350S / C-380
Simultaneous recharger for up to 6 units
· Input Voltage : AC100-240V, 50/60Hz
· Output Voltage DC : 5V/6A
· Size(mm) : 155x95x60(mm)
· Charging Capacity Max 6EA



PB-110 / PB-150
Pouch storage box(6/10)
· Size : 265 x 265 x 120(mm)
· Model : SH-320 & SH-350

In-ear devices and other acoustic accessories



SME(D)-320
One-piece earing type
· Type : Attaching-to-Ear
· Plug : 3.5mm(4pointers) "ㄇ" shape
· Impedance : 32Ω



SME(D)-320B
Spring code one-piece earing type
· Type : Attaching-to-Ear
· Plug : 3.5mm(4pointers) "—" shape
· Impedance : 32Ω



SMB-320
Spring code type headset
· Type : Head-set
· Plug : 3.5mm(4pointers) "ㄇ" shape
· Impedance : 32Ω



SSE-320
Two-piece ear insertion type
· Type : In-Ear
· Plug : 3.5mm(4pointers) "ㄇ" shape
· Impedance : 32Ω



NEW ES-10
Sports headset type
· Type : In-Ear & Hanging-on-Ear
· Plug : 3.5mm(4pointers) "—" shape
· Impedance : 32Ω



SMS-320
Security guard type
· Type : In-Ear type
· Plug : 3.5mm(4pointers) "ㄇ" shape
· Impedance : 32Ω



NE-350
Premium headset
· Type : In-Ear & Hanging-on-Ear
· Plug : 3.5mm(4pointers) "ㄇ" shape
· Impedance : 32Ω



SME(N)-320
Neck microphone earpiece
· Type : Attaching-to- Neck
· Plug : 3.5mm(4pointers) "ㄇ" shape
· Impedance : 32Ω



EM-2027
· Type : Attaching-to-Ear
· Plug : 3.5mm(4pointers) "ㄇ" shape
· Impedance : 32Ω



SB-01
Bluetooth Earphone
· Type : In-Ear & Hanging-on-Ear
· Plug : Plugless



SSM-320
Stick microphone
· Directional microphone
· Size of unit : 10mm
· Plug : 3.5mm(4pointers) "—" shape



SH-320/SH-350 Armband
· One-size-fits-all
· Length: +/- 45cm

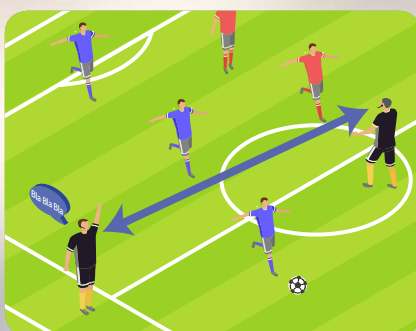


wiwi is a portable full duplex digital radio communication systems. Transmitter and receiver are not separated and setted depending on how turn it on.

- Available frequency bands : 400 MHz, 800 MHz, 900 MHz, and 2.4 GHz.
- Various functions in software
- Noise Suppression Technology
- Support Bluetooth 5.0
- As light as a feather; 39g, 70g
- Dedicated repeater connections enable layer-to-layer and shielded space communication.



SIMULTANEOUS INTERPRETATION



SPORTS



LINE TOUR



BROADCAST



HOSPITAL



MILITARY TRAINING



INDUSTRIAL SITE



FIRE SCENE



SMART MOBILITY



Seyoung Information & Telecommunication

56-1, Sanho-daero, Gumi-si, Gyeongsangbuk-do, Republic of Korea, Zip Code 39382
 T. 82-54-463-2300 F. 82-54-463-2106 www.pridewiwi.com / www.eseyoung.com