Xingtera Smart Helmet

XTSH-RD-D6

4G Industrial
Explosion-Proof Helmet

INTRODUCTION

PRODUCT OVERVIEW

The 4G industrial explosion-proof helmet is integrated with 21MP/Autofocus/1080P HD camera, voice intercom, and 4G/Wi-Fi communication module to support multiple functions, such as the high-definition video call, video capture, voice communication, intercom, local video storage, and real-time positioning, etc.

The helmet is intrinsically safe explosion-proof, which supports operation at - 30℃ to 60℃ and harsh working environment. The helmet can be applied to various industries, such as construction, railway maintenance, oil & gas factories, chemical factories, mines, docks, even for security patrol and rescue, etc.

KEY FEATURES

- ✧ **21MP high-definition autofocus camera** supports 1080P and achieves high-definition video call, real-time video display, video capture, as well as one-click for video recording.

- ✧ **Support the multiple expansion modules** are optional, such as high precision positioning, hazardous gas detection, personnel height positioning, face recognition, near-electric-power sensing, fall alarm, etc.

- ✧ **Long standby and long endurance** support long working hours with the capability of continuous video transmission.

- ✧ **AI voice control system** enable the workers control the device with hand-free, such as light on/off, pic/video record, SOS, wake up the device, etc.

- ✧ **OTA** is supported for efficient remote management.

- ✧ **Detachable battery** enables the battery replacement easier**.**

- ✧ **Dual SIM cards slots** support two SIM cards usage.

APPEARANCE

Product Button Functions

Magnetic Charging port
Magnetic Charging port
Detachable Battery
Interior Buckle
SIM/TF Cards Slots
Expansion Module Port
Earphone Port
Emergency Call
Power/Volume
Pic/Video Record
Push-to-Talk
LED Indicator
Microphone

Air Port
Camera
Head Lighting
Infrared Laser Positioning Head

Rear Reflective Light
Rotary Knob
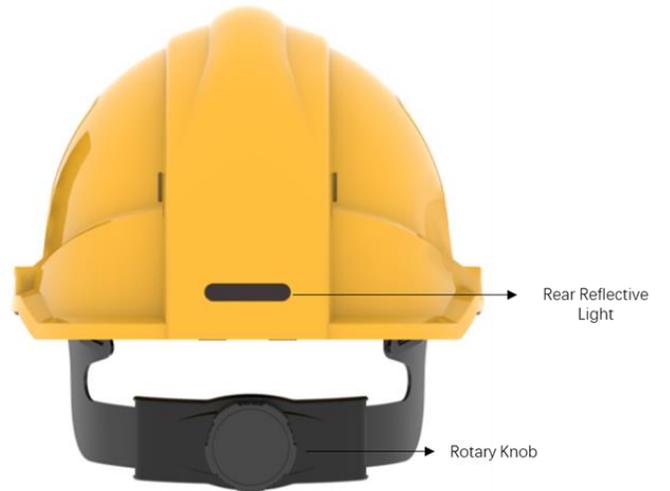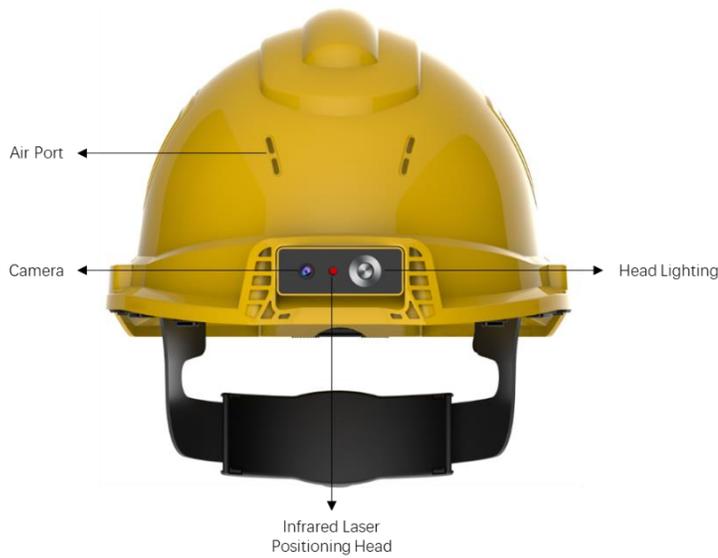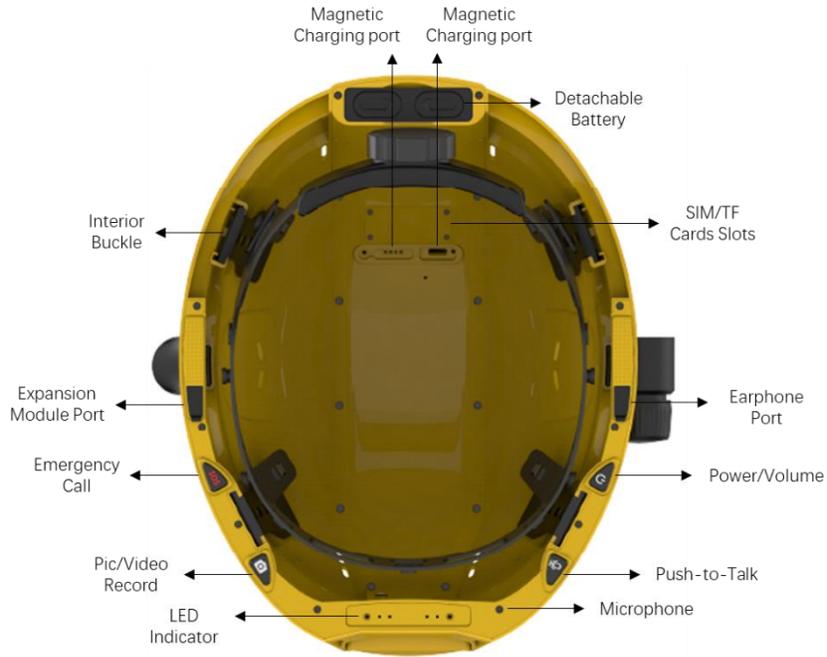
SPECIFICATIONS

Item	Parameter	Item	Parameter
Camera	21 million pixels autofocus HD	EMCP	4GB+64GB
Software Platform	Android 10.0 or above	Positioning	GPS dual mode positioning
Headset	Supporting Bluetooth headphone	Microphone	Dual noise reduction
Expansion TF card	Maximum support expanded to 512GB	Bluetooth	Support
SIM Card	Dual Mirco SIM Cards	Wi-Fi	IEEE802.11b/g/n，2.4G; 5G
4G Cellular Frequency Band	LTE-FDD: B1/B2/B3/B5/B7/B8 LTE-TDD: B34/B38/B39/B40/B41 WCDMA: 2100Mhz	Battery Capacity	5000mAh Detachable
Indicator	Operation status indicator	Flashlight	Infrared Laser Assisted positioning
Size	294(L)*228.5(W)*153.5(H) mm	Weight	≦650g
IP Protection Class	IP66	Material	ABS
Certification	National GB2811-2019 Safety Helmet Certification, CE certificate, Ex ib IIC T4 Gb		

EXTENDED FUNCTIONS

✧ **Face Recognition**

Supports face recognition and identity verification.

✧ **Height Detection**

Supports location height positioning with the accuracy of 1m.

✧ **Near-electric-power Detection**

Supports warning for near electrical power.

✧ **Fall Alarm**

Supports gyroscope-based fall detection and alarm.

✧ **Cap-off Alarm**

Supports warning for taking off hat.

✧ **Gas Detection**

Supports detection of the concentrations of carbon monoxide, oxygen, and other gases on working site.

✧ **High Accuracy Positioning**

Supports centimeter level high-precision positioning assisted by the technology of UWB/RTK/BLE.

ORDER INFO

Model	Wireless Network	Functions
XTSH-RD-D6	4G/ Wi-Fi	Audio intercom Video call Positioning Geo-fence SOS Picture/video recording Headlight

NAMING CONVENTION

XT-SH-RD-D6

- ✧ XT: Xingtera
- ✧ SH: Smart Helmet
- ✧ RD-D6:   Video (premier) Type

CONTACT US

Xingtera Inc. (USA)

5201 Great America Parkway, Suite 309
Santa Clara, CA 95054, USA
Phone: (+1) 408-916-4781

Sales Contact
USA: (+1) 408-916-4781
Email: Sales.World@xingtera.com