

Xingtera Smart Helmet

XTSH-RD-10PRO

4G Industrial

Explosion-Proof Helmet



INTRODUCTION

PRODUCT OVERVIEW

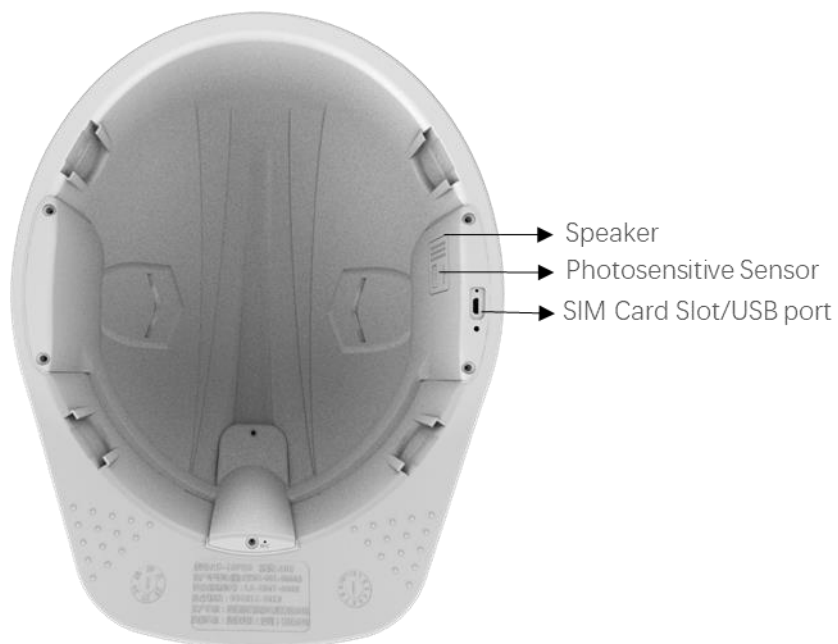
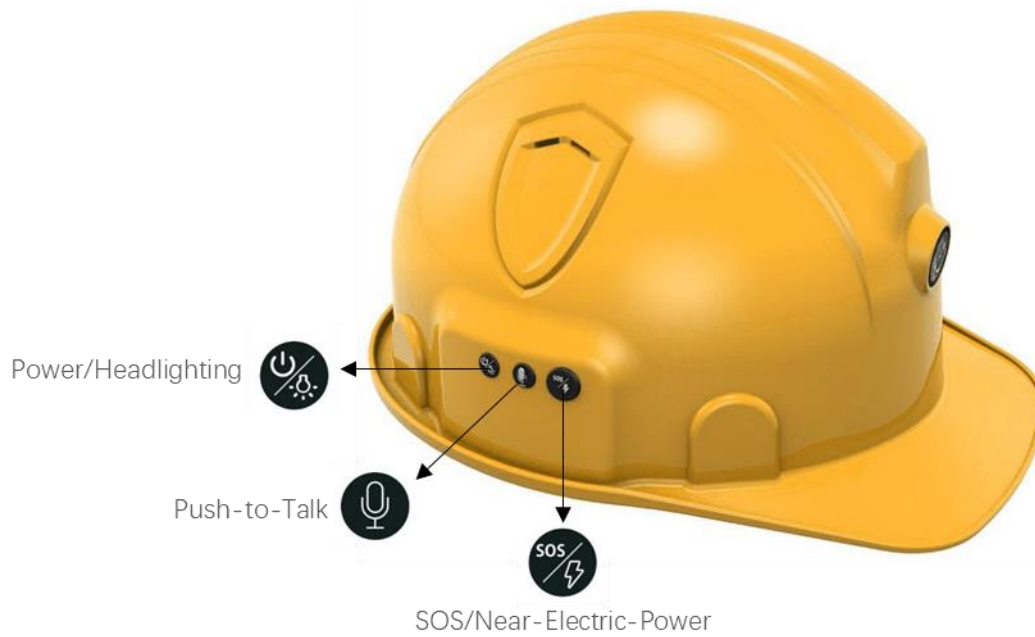
The 4G industrial explosion-proof helmet is integrated with GPS positioning, voice intercom, and 4G communication module to support multiple functions, such as real-time positioning, Push-to-Talk, SOS, etc. The helmet is intrinsically safe explosion-proof and supports operation at - 10°C to 60°C and harsh working environment. The helmet can be applied to various industries, such as construction, railway maintenance, oil & gas factories, chemical factories, mines, docks, wind farm, even for security patrol and rescue, etc.

KEY FEATURES

- ✧ **Support the multiple alarms**, such as fall alarm, hat-off alarm, collision alarm, silence alarm, geo-fence.
- ✧ **Long standby and long endurance** support long working hours.
- ✧ **OTA** is supported for efficient remote management.

APPEARANCE

Product Button Functions



SPECIFICATIONS

Item	Parameter	Item	Parameter
Camera	-	EMCP	64M
OS	Linux UIS8910FF	Positioning	GPS dual mode positioning
Headset	-	Microphone	Support
TF card	-	Bluetooth	-
SIM Card	Single Nano SIM Card	Wi-Fi	-
Bands	LTE-FDD: B1/B2/B3/B5/B7/B8 LTE-TDD: B34/B38/B39/B40/B41 WCDMA: 2100Mhz	Battery	3000mAh Detachable
Indicator	Operation status indicator	Flashlight	-
Size	304.7(L)*240.0(W)*165.4(H) mm	Weight	≤540g
IP Protection Class	IP66	Material	ABS
Certification	National GB2811-2019 Safety Helmet Certification, Ex ib IIC T4 Gb intrinsically safe explosion-proof		

MAIN FUNCTIONS

- ✧ **Audio functions:** SOS, Broadcast, Push-to-Talk
- ✧ **Location functions (Outdoor):** Positioning, Tracking, Geo-fence
- ✧ **Alarm functions:** SOS, Geo-fence, Fall, Hat-off, Collision, Silence

EXTENDED FUNCTIONS

- ✧ **Height Detection**
Supports location height positioning with the accuracy of one (1) meter.
- ✧ **Near-electric-power Detection**
Supports warning for near electrical power.
- ✧ **High Accuracy Positioning**
Supports centimeter level high-precision positioning assisted by the technology of UWB/RTK.

ORDER INFO

Model	Wireless Network	Functions
XTSH-RD-10PRO	4G	<ul style="list-style-type: none">• SOS, Broadcast, Push-to-Talk• Outdoor Positioning, Tracking, Geo-fence• Alarm: SOS, Geo-fence, Fall, Hat-off, Collision, Silence• Headlighting

NAMING CONVENTION

XT-SH-RD-10PRO

- ✧ XT: Xingtera
- ✧ SH: Smart Helmet
- ✧ RD-10PRO: Positioning Type

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