

Rugged Smart PTT Handheld Computer

RP350



Stay Connected Without Any Barriers

• Unmatched Performance

- Seamless 4G/LTE network and Wi-Fi provide unparalleled connectivity wherever you go
- Android™ 7.0 operating system and a fast 2.0GHz octa-core processor deliver the fastest performance for your data-intensive workloads
- A suite of enterprise-grade applications delivers enhanced security and device manageability

• Purpose-built Design

- 3.5' sunlight-readable display, Glove and Wet touch operation
- Non-slip grip textured housing for comfortable single-handed operation.
- Dedicated PTT button for initiating quick voice collaboration

• Ultimate Ruggedness

- TankSmith™ technology guarantees unsurpassed reliability
- IP68 dust and waterproof
- 2.0m drops to concrete and Military Standard 810G protection

• Superior Audio Quality

- 3-watt front-facing speaker delivers best-in-class clarity and loudness
- Dual noise-cancelling microphones ensure both sender and receiver clear voice communication

• Full-Shift Power

- High-capacity battery combined with power-efficient computing strength lead to long-lasting power
- An optional extended battery delivers even longer battery life



RP350 Specification

PERFORMANCE CHARACTERISTICS	CPU	2.0 GHz Octa Core Processor
	Operating System	Android 7.X
	Memory	2GB RAM / 16GB Flash (Default) / 4GB RAM / 32GB Flash (Optional)
PHYSICAL CHARACTERISTICS	Dimensions (L x W x D)	136.3 x 68 x 15.9 mm
	Weight	183g (with standard battery) / 233g (with extended battery)
	Display	3.5 inch, HVGA (480 x 320), Eyelluminate™ Display
	Imager Window	Corning® Gorilla® Glass 3
	Touchpanel	Capacitive multi-touch / Glove, Wet, Stylus
	Backlight	LED backlight
	Power	Long Lasting Power Battery. User replaceable Standard: 3.8V 3010 mAh Extended: 3.8V 6020 mAh
	Quick charging	2.2 hours, Normal battery with charging cradle / 3.8 hours, Extended battery with charging cradle
	Expansion Slot	MicroSD 32GB SDHC, up to 128GB SDXC
	SIM / SAM	1 Micro SIM
	Interface	1 Micro USB 2.0 / Docking Connector (USB 2.0)
	Notification	Audible tone; Multi-color LEDs; Vibration
	Keypad	On-screen keypad
	Voice and Audio	Dual noise-cancelling microphones; High-quality speaker phone(2W, Max 3W) - CANNON SOUND™ Technology Applied; 3.5mm headset jack
	PTT Hot Key	Support
WIRELESS WAN DATA AND VOICE COMMUNICATIONS	Radio Frequency Band	(Optional) 4G : LTE 3G : UMTS/HSPA/HSPA+ 2G : GSM/GPRS/EDGE
	GPS	A-GPS, GLONASS, BEIDOU (Default) / A-GPS, GLONASS, Galileo (Optional)
WIRELESS LAN	Radio	802.11 a/b/g/n/d/h/i/r/ac
	Security and Encryption	WEP (40 or 104 bit) ; WPA/WPA2 Personal (TKIP, and AES); WPA/WPA2 Enterprise (TKIP, and AES) - EAPTTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PE APv0- MSCHAPv2, PE APv1-EAP-GTC, EAP Fast and LEAP
WIRELESS PAN	Bluetooth	Bluetooth Support
WIRED LAN	Ethernet	Support (w/ Ethernet Cradle)
COMMUNICATION AND MESSAGING		VoIP / PTT
DATA CAPTURE	Camera	Rear : 8MP Autofocus with flash Front : 2MP Fixed Focus (Optional)
	NFC	Support (Optional)
SENSOR	Light Sensor	Ambient Light
	Motion Sensor	Proximity, Gyroscope, Accelerometer, Magnetic
USER ENVIRONMENT	TankSmith™ Technology	All Bluebird products are built on Bluebird's TankSmith™ technology.
	Operating Temp.	-10°C to 50°C / -2°F to 122°F
	Storage Temp.	-40°C to 70°C / -40°F to 158°F
	Humidity	95% non-condensing
	Drop Spec.	2.0m / 6.5 ft. to concrete at room temp; meets and exceeds MIL-STD 810G
	Tumble Spec.	1000 1.6 ft./0.5 m tumbles; meets and exceeds IEC tumble specification
	Sealing	TankSmith™ IP68
	Vibration	4 g's PK Sine (5 Hz to 2 kHz); 0.04g2/Hz Random (20 Hz to 2 kHz); 60 minute duration per axis, 3 axis
	Thermal Shock	-40° C to 70° C rapid transition
	Electrostatic Discharge (ESD)	+/-15kVdc air discharge, +/-8kVdc direct discharge, +/-8kVdc indirect discharge

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