

# Fully-Featured RANGERX Pro

The Lightest, Most Rugged Tablet In Its Class



The RangerX Pro's many integrated features make it the most capable lightweight rugged tablet in the industry.

## BUILT RUGGED TO WITHSTAND YOUR WORKLOAD

- Lightweight Platform for Ultra Mobility
- Full Shift Battery Life - Up to 10 Hours
- MIL-STD-810G Certified from the Experts in Rugged
- IP65 Rated for Protection from Dust and Liquids
- Brilliant Outdoor Viewable Multi-Touch Display
- Largest Storage Capacity in Class (192 GB)
- HD Front and 5MP Rear Camera
- Android™ 4.2.2 Operating System with Google Play
- Over-the-Air Updating Enabled by Red Bend Software
- Comprehensive Communications Suite
- Glove Touch Capable for Hazardous Industries
- Optimized for Carriers
  - Gigabit Ethernet for Blazing Connectivity (Optional)
  - HDMI-in (Optional)
- Integrated Common Access Card Reader (Optional)

## FULLY RUGGED & LIGHTWEIGHT

Inspired by over a decade of customer feedback and experience in the rugged tablet space, the RangerX Pro features a lightweight and highly portable form factor, without compromising the ultra-rugged, reliable protection of the Xplore iX104 line. With MIL-STD-810G and IP65 certifications, the RangerX Pro is engineered to protect critical data under the most challenging conditions, with a weight profile that accommodates the mobile professional.

## FULLY FEATURED AND POWERFUL

Powered by a modern dual core ARM Cortex A9 processor and the largest storage capacity in its class, the RangerX Pro offers a full suite of enterprise tools for any application. Front and rear cameras, an integrated CAC option, a vast array of I/O, and optional HDMI-in and Gigabit Ethernet ports give the RangerX Pro the flexibility to run your most demanding projects. A multi-modal communications suite including 4G LTE enables real-time data transfer and uninterrupted communications for your field workers.

## FOR THE MOBILE PROFESSIONAL

The RangerX Pro sets the standard for field mobility: a full shift battery life, lasting up to ten hours, maximizes time in the field and boosts productivity. The RangerX Pro's brilliant outdoor viewable, multi-touch display allows seamless transition from indoor to outdoor use. Options for carrying straps, handles, and mobile docking makes tablet transportation easy for handheld and vehicle applications.

## TOTAL CONTROL OF OWNERSHIP

The RangerX Pro incorporates many of the design elements of Xplore's flagship product and is designed to provide a long service life in the field. And with an integrated, over-the-air updating capability enabled by Red Bend Software, the RangerX Pro is guaranteed to always be up-to-date. Xplore has a proven track record in providing reliable products with long, stable life cycles that keep workers productive and contribute to lower total cost of ownership.





# SLEEK AND STRONG

## RangerX Pro Outdoor-Viewable Rugged Tablet Specifications

<p><b>FULLY RUGGED</b></p> <ul style="list-style-type: none"> <li>• Magnesium Alloy Midframe</li> <li>• MIL-STD-810G and IP65 Tested</li> <li>• Elastomer Bumpers (Protected Glass/Touch Screen)</li> <li>• Multiple 4' Drops (26 Drops, Single Operating Unit)</li> </ul>	<p><b>PORTS</b></p> <ul style="list-style-type: none"> <li>• AC/DC Power</li> <li>• 2 x USB 2.0 Ports (Full and Micro)</li> <li>• Micro SD</li> <li>• Micro HDMI-out</li> <li>• SIM Card Reader</li> <li>• Smart Card Reader (CAC Reader, Optional)</li> <li>• RJ-45/Mini HDMI-in Module (Optional)</li> <li>• Headphone/Speakers and Mic Speaker</li> </ul>
<p><b>PROCESSOR</b></p> <ul style="list-style-type: none"> <li>• Dual Core ARM Cortex A9 Processor</li> <li>• L2 Smart Cache: 1 MB</li> <li>• 1.5 GHz</li> </ul>	<p><b>INPUT AND STATUS INDICATORS</b></p> <ul style="list-style-type: none"> <li>• Projected Capacitance Multi-Touch</li> <li>• Glove Touch Capability Available for Download at <a href="http://www.xploretech.com/download-center">http://www.xploretech.com/download-center</a></li> <li>• Status Indicators: Power, Charge/DC-in</li> </ul>
<p><b>GRAPHICS</b></p> <ul style="list-style-type: none"> <li>• Integrated POWERVR™ SGX544 Graphics Accelerator</li> <li>• Integrated Image Signal Processor</li> </ul>	<p><b>DIMENSIONS / WEIGHT</b></p> <ul style="list-style-type: none"> <li>• 11.1" (28.2 cm) x 7.2" (18.3 cm) x 0.85" (2.15 cm) (W x H x D)</li> <li>• Starting at 2.2 lbs (0.99 kg)</li> </ul>
<p><b>DISPLAY</b></p> <ul style="list-style-type: none"> <li>• 10.1" WXGA (1366 x 768) Rugged IPS LCD Backlit Display</li> <li>• 500 NITS Direct Bonded Screen</li> <li>• 178° Viewing Cone (89° Off-Axis)</li> <li>• Contrast Ratio: 800:1; Aspect Ratio: 16:9</li> <li>• Automatic Light Sensor (ALS)</li> <li>• Multi-Touch, Anti-Reflective Glass</li> </ul>	<p><b>PERIPHERALS AND DOCKING</b></p> <ul style="list-style-type: none"> <li>• Desktop and Vehicle Docking Systems</li> <li>• Carrying Case Options for Various Applications</li> </ul>
<p><b>MEMORY</b></p> <ul style="list-style-type: none"> <li>• Dual-Channel LPDDR2 Memory</li> <li>• 1 GB</li> </ul>	<p><b>ENVIRONMENTAL SPECIFICATIONS</b></p> <ul style="list-style-type: none"> <li>• Independently-Tested to MIL-STD-810G Standards</li> <li>• Operating Temperature: -20 °C to 60 °C / -4 °F to 140 °F</li> <li>• Storage Temperature: -20 °C to 70 °C / -4 °F to 158 °F</li> <li>• Humidity: 95% Non-Condensing</li> <li>• Vibration: Minimum Integrity, Vehicle Vibration, U.S. Highway Truck Vibration</li> <li>• Altitude: 15,000 ft (4,572 m) Operating</li> <li>• Other Tests: Functional (20G Operating, 40G Non-Operating) and Crash Shock</li> <li>• Transit Drop – Operating: 4' (1.22 m) Drop Direct to Plywood over Concrete while System is Operating, 26 Drops</li> </ul>
<p><b>OPERATING SYSTEMS</b></p> <ul style="list-style-type: none"> <li>• Android™ 4.2.2 (Jelly Bean)</li> <li>• Over-The-Air Updating Service Enabled by Red Bend Software</li> </ul>	<p><b>IEC INGRESS TESTING</b></p> <ul style="list-style-type: none"> <li>• IEC (60529) Ingress Tested to IP65 Standard</li> <li>• Submersion-Resistant, Dust-Tight</li> </ul>
<p><b>BATTERY</b></p> <ul style="list-style-type: none"> <li>• User Replaceable 10,000 mAh</li> <li>• Up to 10 Hour Battery Life</li> </ul>	<p><b>EMISSIONS, IMMUNITY AND SAFETY</b></p> <ul style="list-style-type: none"> <li>• Emissions: EN55022, CISPR22, CFR47 Part 15, Subpart B, ICES-003 for Class B (U.S., CAN, EU)</li> <li>• Immunity: CISPR 24, EN55024 CB Scheme (U.S., CAN, EU)</li> <li>• Safety: Hazardous Location - Class 1 Zone 2 (U.S., CAN), IEC 60950 CB Scheme (U.S., CAN, EU), ATEX</li> </ul>
<p><b>POWER SUPPLY</b></p> <ul style="list-style-type: none"> <li>• Auto-Sensing 100-240 V, 50-60 Hz Supplying 12 VDC, 2 A</li> <li>• USB Charging Supported</li> </ul>	<p><b>ENVIRONMENT</b></p> <ul style="list-style-type: none"> <li>• ROHS, Energy Star 6.1 Compliant, EPEAT, Recycling Program: <a href="http://www.xploretech.com/environment/recycle">www.xploretech.com/environment/recycle</a></li> </ul>
<p><b>STORAGE OPTIONS</b></p> <ul style="list-style-type: none"> <li>• 32 GB eMMC NAND Flash Memory</li> <li>• Additional Secured Internal Micro SD up to 128 GB (Optional)</li> <li>• User Accessible 32 GB Micro SD</li> </ul>	<p><b>WARRANTY</b></p> <ul style="list-style-type: none"> <li>• Standard 3-Year Limited Warranty</li> <li>• Extended Warranty and xDefend Programs Available</li> </ul>
<p><b>INTEGRATED COMMUNICATIONS</b></p> <ul style="list-style-type: none"> <li>• Wireless: 802.11 a/b/g/n</li> <li>• Broadband: 4G LTE (Optional)</li> <li>• GPS: Integrated, 5m Accurate Satellite</li> <li>• Bluetooth: 4.0</li> <li>• FM Transmitter</li> <li>• LAN: 10/100/1000 Gigabit Ethernet (RJ-45) (Optional)</li> </ul>	<p><b>ACCESSORIES</b></p> <ul style="list-style-type: none"> <li>• Handle/Shoulder Strap</li> <li>• Back Handstrap</li> <li>• Stylus</li> <li>• xDock G2 Automotive Docking Solution</li> <li>• Armortech Screen Protector</li> <li>• Cigarette Lighter Adapter</li> </ul>
<p><b>SECURITY</b></p> <ul style="list-style-type: none"> <li>• Integrated Smart Card Reader with CAC Capability (Optional)</li> <li>• Kensington Lock Slot</li> </ul>	
<p><b>COLLABORATION</b></p> <ul style="list-style-type: none"> <li>• NFC RFID</li> <li>• Integrated Speaker</li> <li>• Microphone</li> <li>• Integrated 5 Megapixel Digital Camera (Rear-Facing with Flash)</li> <li>• Integrated HD Megapixel Digital Camera (Forward-Facing)</li> </ul>	