

New Ranger X Series

The new era of portable, affordable X-Band radars is here

Virtually everything you want in an X-Band is in Enterprise Electronics Corporation's (EEC's) new, truly portable Ranger weather radar system. The Ranger system features dual-polarity accuracy, solid-state transmitters, and low power consumption, all in one compact, affordable, versatile unit.

More beams for the buck

Ranger integrates the latest X-Band radar technology into a compact design that can be installed in hard-to-reach locations – and even deployed in the back of a pick-up truck. Yet despite its small size, it packs a powerful punch. Its unique pulse compression strategy provides superior range and resolution. In contrast to other radar, Ranger's algorithms are designed specifically for the X-Band spectrum – providing more accurate identification of severe weather. Choose the lightweight Ranger-X1 or the Ranger-X5 with more radiated power. All Ranger models are equipped with our new, highly advanced dual-polarization system that's years ahead of virtually anything else on the market. Seamlessly integrated into the Max Ecosystem and partnered with Max Storm, Ranger's powerful twin beams can keep you ahead of your competition. The series is so affordably priced that you can own two Rangers for less than the price of one C-Band radar. Ranger's X-Band radar technology is designed to provide better performance, with a lower price tag.



The total package

EEC's turnkey design, manufacturing and installation processes allow us to configure your Ranger system to your exact specifications, offering permanent or mobile installment, and virtually unmatched end-to-end support. But you likely won't need to schedule a service call with our technicians any time soon. Ranger's patented sealed pedestal technology can eliminate costly lube and bearing maintenance for at least ten years. And Ranger's compact design eliminates the need for expensive towers. That means a 30 percent savings on installation, and a 50 percent savings on its radome compared to older C-Band models.

Visit ibm.com/weather/industries/broadcast-media or reach us by email at weather@us.ibm.com.



Ranger's advantages

- Seamless integration into the Max Ecosystem
- Complete system only requires radar and equipment rack or cabinet
- No large civil works
- Dual-Pol ready
- Q2 Digital Signal Processor
- Ultra-high resolution data for short to medium range weather detection
- Rapid update cycles; up to 7x faster than Next Generation Weather Radar (NEXRAD)
- Fully solid-state solution

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