New Ranger X Series

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

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

Everything you want in an X-Band is in 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 includes 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 innovative pulse compression strategy provides exceptional 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 competes with anything else in the marketplace. Designed to integrate seamlessly into the Max Ecosystem and partnered with Max Storm, Ranger's powerful twin beams will zap your competition — and electrify your audience. The series is priced so low, you can own two Rangers for less than the price of one C-Band radar. So you get big performance, without a big price-tag.

Figure 1: Ranger-X5

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 robust end-to-end support. But you won't need to make a date with our technicians any time soon — Ranger's patented sealed pedestal technology eliminates 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.

Contact your representative at The Weather Company, an IBM Business, and discover just how affordable upgrading your radar — and your ratings — can be.

About The Weather Company, an IBM Business

The Weather Company, an IBM Business, helps people make informed decisions and take action in the face of weather. The company offers the most accurate forecasts globally with personalized and actionable weather data and insights to millions of consumers, as well as thousands of marketers and businesses via Weather's API, its business solutions division, and its own digital products from The Weather Channel (weather.com) and Weather Underground (wunderground.com).

The company delivers around 25 billion forecasts daily. It's products include the world's most downloaded weather app, a network of 250,000 personal weather stations, a top-20 U.S. website, one of the world's largest IoT data platforms, and industry-leading business solutions.

Weather Means Business™. The world's biggest brands in aviation, energy, insurance, media, and government rely on The Weather Company for data, technology platforms and services to help improve decision-making and respond to weather's impact on business.

For more, visit theweathercompany.com

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