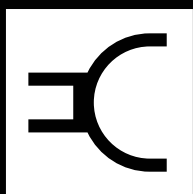




VIZOR

TRANSPORTABLE REPEATER



CODAN
RADIO COMMUNICATIONS

secure / rapid / robust

VIZOR™ — THE RAPID REPEATER SOLUTION

When an unexpected crisis occurs you can't plan for every possibility. But with a Codan Vizer repeater you can be prepared — in just minutes. The Codan Vizer is a portable and rapid repeater that delivers instant communications and extended coverage when you need it the most. Whether you're tracking an asset or responding to a disaster the Vizer repeater ensures safe, interoperable and coordinated communications between you and your agencies.

The Vizer repeater is housed in a rugged and discreet transportable Pelican case and can be configured as a repeater, a base station or a repeater/base station combination. Its proven platform delivers the same features you'd expect from a site-based product such as P25 compliance, full encryption, crossband capability, and low power consumption.

Vizer Base Station

Configurable as a base station, Vizer is a quick solution for a communications network that is easy to deploy and interoperable with P25 vendor products. A Vizer base station can be deployed in the toughest situations, rugged and compact it will provide the instant communications you need for operations, disasters or security deployments.



Vizer Repeater

Vizer is the smallest, lightest P25 transportable repeater available, supporting transparent encryption in VHF or UHF bands. With quick swap duplexers for easy channel change and a flexible control panel, Vizer is a quick and easy communication solution when you need it the most.



LIGHT AND RUGGED

With an industry leading compact size and weight, Vizer is tough, easily transportable and fast to deploy



TRANSPARENT P25 REPEATER

The communications passed through a Vizer remain unchanged, ensuring clear and reliable communications



SECURE ENCRYPTION

Vizer is an AES-256 encryption capable base station/repeater, ensuring your communications are confidential and secure



QUICK-SWAP DUPLEXERS

A Vizer's duplexer can be quickly changed at any time, moving to a different operating channel as required



FLEXIBLE CONTROL

Vizer's external control interface enables cross patching to other systems including other Vizer repeaters, HF radio's and consoles

SPECIFICATIONS

- VHF and UHF frequency bands supported
- Encryption for all P25 communications
- Compact size: 6.7" x 18.2" x 13.4" (17 cm x 46 cm x 34 cm)
- Lightweight: 28 lbs (12.7 kg) full equipped
- Robust with operating temperature -30°C to +60°C
- Duplexer separation of 4.5 MHz (VHF), 5 MHz (UHF)
- RF Output Power of 2-30 W
- 110/220 V AC External 12 V DC Power
- Optional internal or external power and RF connections
- Optional Battery Case
- Optional Solar Kit



CODAN VIZOR™ — COMPARISON

	CODAN VIZOR™	MOTOROLA PDR
Mode of operation	Repeater and/or base station	Repeater or base station
P25 Compliant operation	Optional	Optional
Size	6.7" H x 18.2" W x 13.4" D (17 cm H x 46 cm W x 34 cm D)	7.75" H x 20" W x 15" D (20 cm H x 51 cm W x 38 cm D)
Weight (fully equipped)	28 lbs (12.7 kg)	46 lbs (20.8 kg)
Closed case operation	Yes	Yes
Duty Cycle	100% – Open-lid, 50% – Closed Lid	50%
RF Output Power	30 W Nominal – VHF 30 W Nominal – UHF	30 W Nominal – VHF 25 W Nominal – UHF
Power Source	External AC, External DC	External AC, External DC
Crossband Capability	Yes	Yes
Hardware Configuration	Field Replaceable Units	Field Replaceable Units

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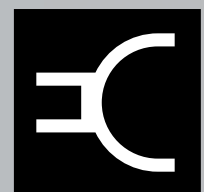
Codan Radio Communications is a leading designer and manufacturer of premium communications equipment for High Frequency (HF) and Land Mobile Radio (LMR) applications. We've built our reputation for reliability for over 50 years in radio communications, in some of the toughest conditions on the planet.

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