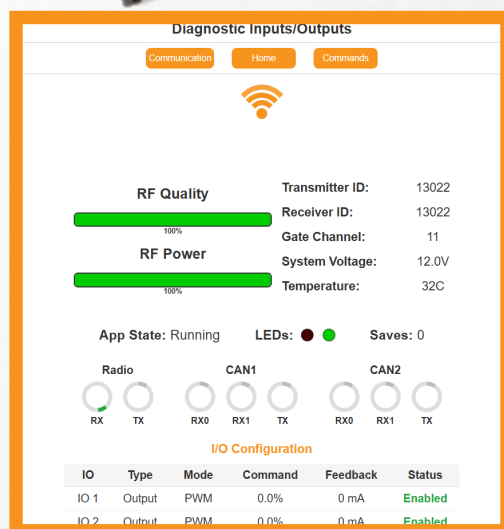


User Programmable Wireless Receiver

Kar-Tech's CODESYS system supports 18 configurable I/O pins supporting PWM, current-regulated, digital output, digital input, analog input, and frequency input modes, giving engineers everything they need to build precise control solutions. Using the industry-standard CODESYS IDE, engineers get live diagnostics and debugging support directly on the receiver.

The system features a fully integrated radio module with its own programmable library, dual CAN bus with J1939 support, and up to 1500 persistent EEPROM variables retained across power cycles. All programming, debugging, and diagnostics are done completely wirelessly.

No more wrestling with serial cables and harnesses to implement software changes. Once development is complete, integrators and manufacturers can generate and distribute boot applications to end users for easy field updates through the Wi-Fi gate page (without the IDE). With the CODESYS system, users can worry less about hardware and concentrate more on writing precise solutions.



Real-time Feedback



Kar-Tech CODESYS include:

- Fully wireless programming, debugging, and diagnostics
- Live diagnostic feedback while writing custom logic
- Two-way radio communication
- CODESYS V3.5 SP21 Patch 5 IDE
- I/O, Radio, CAN, and EEPROM libraries provided by Kar-Tech
- Up to 1500 permanent variables retained across power cycles
- 18 I/O, 2CAN

PHYSICAL

Ingress Protection	IP66	Operating Temperature	-40° to +85° C
Storage Temperature	-55° to +85° C	Certification	FCC, IC, CE, C-Tick

WIRELESS:

Frequency	900MHz FHSS, 2.4 GHz FHSS
Operating Range	1000ft, 600ft

READY TO CONNECT TO KAR-TECH TRANSMITTERS

