



IRX8 8-channel Infrared Receiver

Complete 8-channel IR receiver with optional inputs



FEATURES

- **High-Reliability**
Reliable wireless control - even in noisy radio environments.
- **Controlled Range**
Operates only from a safely controlled range.
- **Directional**
Requires operator to be facing equipment for maximum safety. 360 degree receiver field of view.
- **Wide regulatory acceptance**
Ideal for use in areas where radio control is not permitted.

ORDERING INFORMATION

PART #	DESCRIPTION
IRX8	Infrared receiver, 8-Channel

OPERATION

Receiver Operation

Complete 8-channel IR receiver. Factory configurable outputs and 2 optional inputs for sensors or local controls. Compatible with all IR equipped Miratron transmitters.

SPECIFICATIONS

General	Power Requirement	12vdc, 50mA nominal + power to loads
	Fuses	Customer-supplied fuse should be installed in field wiring
IR	Wavelength	950nm infrared
	Range	50 feet, nominal
Outputs	8 factory configurable outputs	Digital, proportional, ratiometric, or unamplified
	Digital Outputs	Solid state relay, provides supply voltage up to 5-amp
	Proportional Current Outputs	Adjustable PWM up to 5-amp
	Ratiometric Outputs	25% to 75% of supply voltage, 100mA max
	Unamplified Outputs	Customer specified (0 to 10v, typical)
Inputs	2 optional inputs	Compatible with switches or sensors
Field Wiring		Wiring pigtail provided
Enclosure		Tinted polycarbonate, NEMA 4X
		Approximate size: 3.85 diam x 2.3" h above mounting surface
		4" recommended under mounting surface for wiring
Environmental	Storage	-40°C to 85°C
	Operating	-40°C to 60°C