

RECEIVER

# RX DC Mobile





# TECHNICAL SALES SHEET

## Receiver Type: RX DC Mobile

- **Housing:**  
Impact resistant polymer composite
- **Weight:**  
Up to 710 g (1.6 lbs)
- **Dimensions:**  
Height: 131 mm, (5.16 in) not including antenna  
Width: 166 mm, (6.54 in)  
Depth: 88 mm, (4.46 in) including vibration mounts
- **Environmental Protection:**  
IP 65 (Exceeds Nema 12/13)
- **Antenna:**  
External via TNC connector
- **Power Supply:**  
12/24 VDC +/- 50%
- **Fuse:**  
20 A mini blade type
- **Inputs:**  
1 Digital limit input  
4 Programmable analog/digital inputs  
(analog at 0-5 VDC, digital at 0/3.3-36 VDC)
- **Outputs:**  
4 Programmable PWM/actuator motor/digital outputs  
1 MC on/off output at 12/24 VDC, 10 A maximum load  
6 Programmable on/off outputs at 36 VDC,  
15 A sourced by MC output  
2 Digital outputs with external +/- 36VDC, 15A max  
1 Digital output with external +/- 36VDC, 3A max  
GND side switching capable  
1 + 5 VDC, 500 mA e-fused supply output
- **Diagnostics:**  
External LEDs, power/operation, TX signal reception,  
E-stop error, TX signal type
- **Frequency:**  
419 MHz, 429 MHz, 434 MHz, 447 MHz, 458 MHz, 480 MHz,  
868 MHz, 2.4 GHz
- **RF Unit:**  
Type CS synthesized with multiple frequencies
- **Typical Operating Range:**  
Up to 100 m (300 ft)
- **Safety:**  
20-bit ADMO address scheme with up to 1 million possibilities  
Active and passive stop function  
Parity and checksum  
Safety Category SIL 3, PLD
- **Temperature Range:**  
-25°C to +70°C (-13°F to +158°F)
- **Humidity Range:**  
0 - 97% maximum non-condensing
- **Response Time:**  
Less than 100 msec
- **Baud Rate:**  
Up to 9600 bps
- **Standard Features:**  
Fully programmable via H-Link  
Built-in quick disconnect connector  
RS232 cable backup capable  
Auto hold of proportional and digital outputs  
Quick set programming of proportional outputs  
Up to 4 transmitters can control 1 receiver  
Vibration mounts

