

Load Ranger

Wireless Wheel Pad Scale



Standard Features

- Up to 16 individual pads communicate wireless to the indicator
- Industrial RF radio module to communicate with optional indicator
- Integrated wheels and nonslip rubber under platform
- Internal rechargeable battery with 40 hours of battery life
- Built-in indicator on each scale with 1 in character display
- IP67 rating
- Cover plate protects built-in indicator

Optional Remote Indicator with Integrated Printer in Carrying Case

- ABS carrying case: 1 ft × 1 ft 6 in × 7 in
- Backlit graphic display with touchscreen technology
- Internal battery with 10 hours of battery life
- Real-time clock
- Permanent data storage
- Direct thermal receipt printer

Wheel Weighing Software

- Multi-scale function mode weighs with up to 16 individual pads (eight sets)
- Static axle weighing function, up to two channels
- Calculation of center of gravity
- Semi-automatic and preset tare
- Selection of displayed data on LCD touchscreen
- 1,000 field database
- Print and display list of last 3,500 vehicles

Options/Accessories

- Leveling modules
- Aluminum ramps
- NTEP Class III (*Select sizes and capacities only, consult factory for more information*)

Specifications

Construction:

Aluminum alloy

Display:

1 in character display on each scale

System Accuracy:

0.05% of rated capacity

Power Supply:

Rechargeable battery
Approximately 40 hours of battery life.
Includes UL approved AC wall adapter

Communication:

Wireless 2.4 GHz

Power Supply:

Rechargeable battery
Approximately 40 hours of battery life.
Includes UL approved AC wall adapter

Temperature:

Operating:
14 °F to 104 °F (-10 °C to 40 °C)
Storage Temperature:
-4 °F to 140 °F (-20 °C to 60 °C)

Effective Wireless Communication Range:

Up to 160 ft (50 m) line of sight typical

Warranty:

Two-year limited

Approvals:

NTEP 20-003P Class III



NTEP Class III approved for law enforcement.

Part Number/Price

Part #	Description	Est. Weight	Price
212108	Remote indicator with integrated printer in carrying case	15 lb	Consult

Part #	Size (W × L × H), Capacity	Est. Weight	Price
RF-MD 2.4 GHz			
212096	1 ft 10 in × 1 ft 8 in × 2.28 in, 3,300 × 1 lb	40 lb	Consult
212097	1 ft 10 in × 1 ft 8 in × 2.28 in, 6,600 × 2 lb	40 lb	Consult
212098	1 ft 10 in × 1 ft 8 in × 2.28 in, 13,200 × 5 lb	40 lb	Consult
212099	1 ft 10 in × 1 ft 8 in × 2.28 in, 22,000 × 10 lb	40 lb	Consult
212100	1 ft 10 in × 1 ft 8 in × 2.28 in, 33,000 × 10 lb	40 lb	Consult
RF-WD 2.4 GHz			
212101	2 ft 6 in × 1 ft 10 in × 2.28 in, 13,200 × 5 lb	65 lb	Consult
212102	2 ft 6 in × 1 ft 10 in × 2.28 in, 22,000 × 10 lb	65 lb	Consult
212103	2 ft 6 in × 1 ft 10 in × 2.28 in, 33,000 × 10 lb	65 lb	Consult
212835	2 ft 6 in × 1 ft 10 in × 2.28 in, 22,000 × 20 lb (NTEP Class III)	65 lb	Consult
RF-XWD 2.4 GHz			
212104	3 ft 1 in × 2 ft × 2.28 in, 13,200 × 5 lb	105 lb	Consult
212105	3 ft 1 in × 2 ft × 2.28 in, 22,000 × 10 lb	105 lb	Consult
212106	3 ft 1 in × 2 ft × 2.28 in, 33,000 × 10 lb	105 lb	Consult
212107	3 ft 1 in × 2 ft × 2.28 in, 44,000 × 20 lb	105 lb	Consult

Options/Accessories

Part #	Description	Price
190916	RS-485 cable used to connect wheel pad directly to indicator	Consult
188744	RS-485 cable, 10 m, used in a 7 pad or more hybrid-wireless system to join two pads together (for use with Bluetooth versions of Load Ranger pads only)	Consult
181881	Aluminum ramp for Load Ranger MD models (single ramp only)	Consult
181882	Aluminum ramp for Load Ranger WD models (single ramp only)	Consult
181883	Aluminum ramp for Load Ranger XWD models (single ramp only)	Consult
182053	Printer paper roll, 57 mm x 30 mm, 12 mm core 51 mm OD	Consult
185064	Load Ranger wheel pad charger, 110 VAC version with US plug	Consult
192591	Load Ranger Ai-1 remote indicator power adapter, 120-230 VAC version with US plug	Consult
212110	Load Ranger wheel pad 2.4 GHz radio upgrade kit	Consult
212111	Load Ranger Ai-1 remote indicator 2.4 GHz radio upgrade kit	Consult

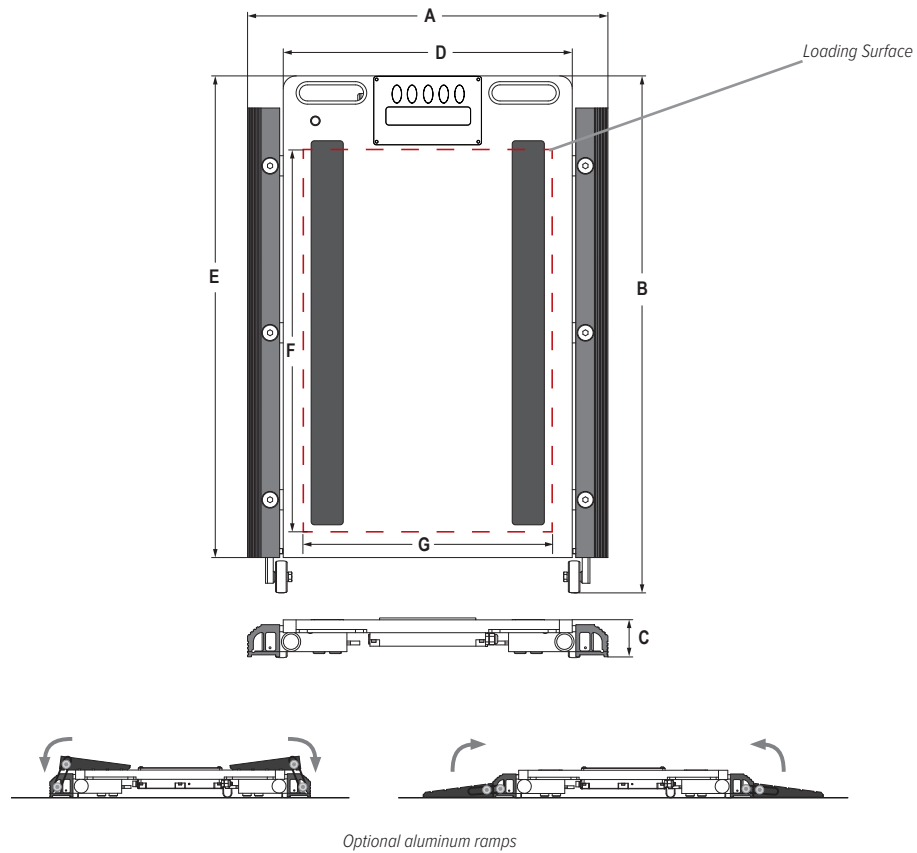
Note: Bluetooth models are discontinued,
2.4 GHz models are not compatible with discontinued Bluetooth models without upgrade kits.

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Dimensions

Platform			
	RF-MD	RF-WD	RF-XWD
A	1 ft 8 in (511 mm)	1 ft 10 in (564 mm)	2 ft (611 mm)
B	2 ft (611 mm)	2 ft 8 in (813 mm)	3 ft 3 in (991 mm)
C	2.28 in (58 mm)	2.28 in (58 mm)	2.28 in (58 mm)
D	1 ft 4 in (406 mm)	1 ft 6 in (457 mm)	1 ft 8 in (511 mm)
E	1 ft 10 in (564 mm)	2 ft 6 in (750 mm)	3 ft 1 in (950 mm)

Loading Surface			
	RF-MD	RF-WD	RF-XWD
F	1 ft 3 in (381 mm)	1 ft 11 in (584 mm)	2 ft 5 in (737 mm)
G	1 ft 4 in (406 mm)	1 ft 6 in (457 mm)	1 ft 8 in (511 mm)



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