

elebia®

smart lifting solutions



MAX WORKING LOAD LIMIT
10,000 kg / 22,046 lb

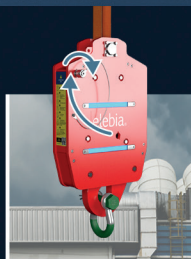
MINIMUM RELEASABLE WEIGHT
0 kg/ 0 lb

Remote Load Dropping with the D10 Automatic Drop Test Hook

The D10 is an innovative 10-tonne automatic drop test hook designed to enhance operational safety and efficiency in industrial settings. It allows users to drop any load safely and from a distance using a remote control.



Installing the
Shackle/Load on D10



Final preparation
for release



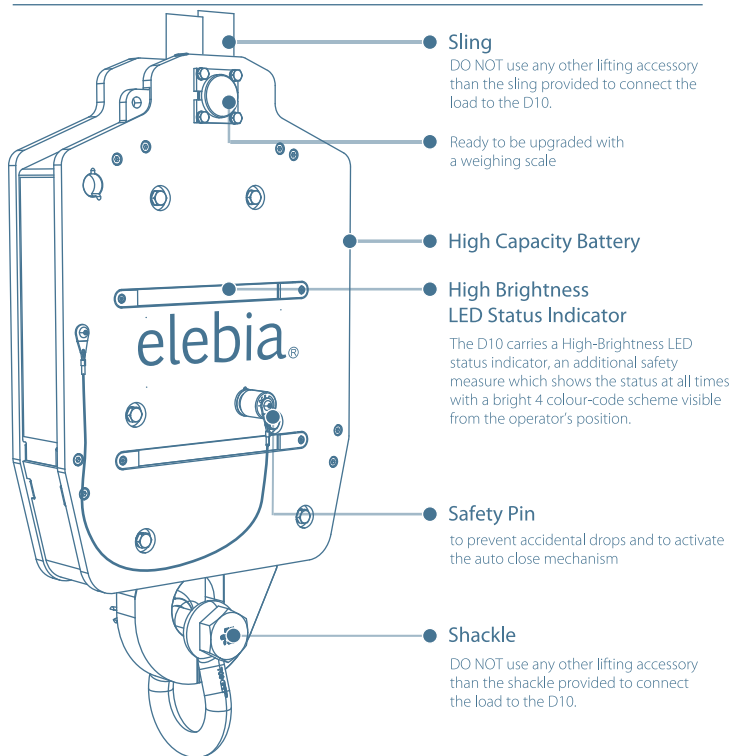
Releasing
the load remotely

For more information visit us at www.elebia.com

Stevedore, windpower, steel mills, mining, aeronautics, nuclear, construction... No matter what your industry is
elebia will boost the safety and productivity of your cranes.

Main Features of the d10

WORKING LOAD LIMIT 10,000 kg / 22,046 lbs.



Sling

DO NOT use any other lifting accessory than the sling provided to connect the load to the D10.

Ready to be upgraded with a weighing scale

High Capacity Battery

High Brightness LED Status Indicator

The D10 carries a High-Brightness LED status indicator, an additional safety measure which shows the status at all times with a bright 4 colour-code scheme visible from the operator's position.

Safety Pin

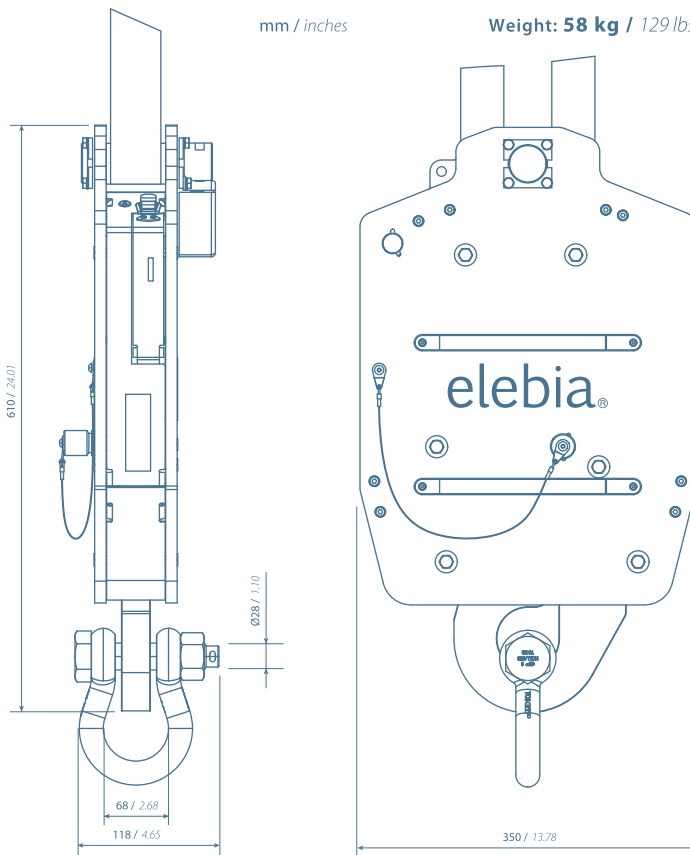
to prevent accidental drops and to activate the auto close mechanism

Shackle

DO NOT use any other lifting accessory than the shackle provided to connect the load to the D10.

mm / inches

Weight: 58 kg / 129 lbs



Remote Control



The D10 lifting hook comes with two factory-paired eMINI remote controllers.

Display Information

Open Button

Close Button

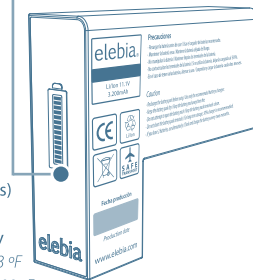


Power Supply	1x 3V lithium battery (CR2032)
Detection of Errors in Transmission	2 CRC bytes + Forward Error Correction
Buttons	2
Frequency Selection	5
Frequencies	868 MHz / 924.1 MHz
Communication	Bi-directional return of receiver battery status
Radiated Power	under 5dBm
Antenna	Printed circuit
Range	100 metres / 330 feet
Working Temperature	-20 °C to 85 °C / -4 °F to 185 °F
Dimensions	Minitel box (68 x 52 x 17 mm / 2.68 x 2.05 x 0.67 inches)

Battery - High capacity: 3 hour charge – 5,000 cycles / 250 hours in standby mode

Charge Indicator

Technology	Rechargeable Li-Ion
Maximum Voltage	12.6 V DC
Nominal Voltage	10.8 V DC
Nominal Capacity	3.4 / 36.72 Wh
Protection Circuit	Charge, Discharge, Overvoltage
Maximum Discharge Current	8 A for 1 second (idle 5s)
Heat Protection	Thermal 70 °C / 158 °F
Charge Indicator	Eink 14 Segment Display
Temperature (Charge)	0 °C to 45 °C / 32 °F to 113 °F
Temperature (Discharge)	-20 °C to 50 °C / -4 °F to 122 °F
Temperature (Idle)	-20 °C to 60 °C / -4 °F to 140 °F
Weight	200 g aprox. / 7.05 oz



100-240V Battery Charger

Specifications	Technical Specifications
Input Voltage	100-240 V AC / 50-60Hz. 1.0A (max.)
Output	12.6 V DC / 1.2 A
Charge Indicator	No
Charge Complete Indicator	No



Regulatory Standards

- EN 10204 3.1.B
- ETSI EN 300 220-1 V3.1.1
- ETSI EN 300 220-2 V3.1.1
- ETSI EN 303 446-1 V1.1.0
- ETSI EN 303 446-2 V1.1.0
- UNE-EN 1050
- UNE-EN 61000-6-4:2007
- UNE-EN 61000-6-2:2006
- UNE-EN ISO12100:2012
- UNE-EN 602041:2007
- UNE-EN 607301:2013
- EMC Directive (2014/30/EU)
- UN 38.3

- Directive on Machine Safety (D2006/42/EC)
- Radio Equipment Directive (2014/53/EU)
- Low Voltage Directive (2014/35/EU)
- Assurance of Production Quality in accordance with ISO9001.
- ARIB Construction Design Certification Number 203-JN0689.
- FCC Identifier 2ACLHEVO for Equipment Class: Digital Transmission System.
- Each mechanism is delivered with the CE stamp and a declaration of CE conformity. elebia is a member of F.E.M. (European Federation of Materials Handling).



elebia.com/droptesthook-d10