



Model Reference: HKTL

Order code: LT XFW-HKTL

WIRELESS CHAIN HOIST LOAD CELL TRANSRECEIVER ASSEMBLY FOR EXE RISE LARGE FRAME CHAIN HOIST

Transreceiver module as an alternative to wired systems. This offers maximum freedom in handling hoists, covering distances up to 600 meters from the Gateway. The need for live load monitoring and reporting is increasing in all industries to provide a safer working environment. The Transreceiver module is fully compatible with all Flexa Control Line devices.

Versions available

Wireless Chain Hoist Load Cell for EXE RISE Medium Frame

- LT XFW-HKTM EXE RISE CHAIN HOIST MEDIUM FRAME COVER WITH BUILT IN TRANSCEIVER + BATTERY COMPARTMENT - N. 4 PIECES BATTERY TYPE "C" 1,5 VOLTS NOT INCLUDED
- LT XRS-0145 EXTENSION RING FOR MEDIUM FRAME BODY, MANDATORY WHEN MOUNTING THE EXE CELL FXA ON THE CHAIN HOIST
- LT XDLC-HIT EXE LOAD CELL PRO FOR MEDIUM FRAME CHAIN HOIST - HOOK + CELL LOAD CAPACITY 1 TON

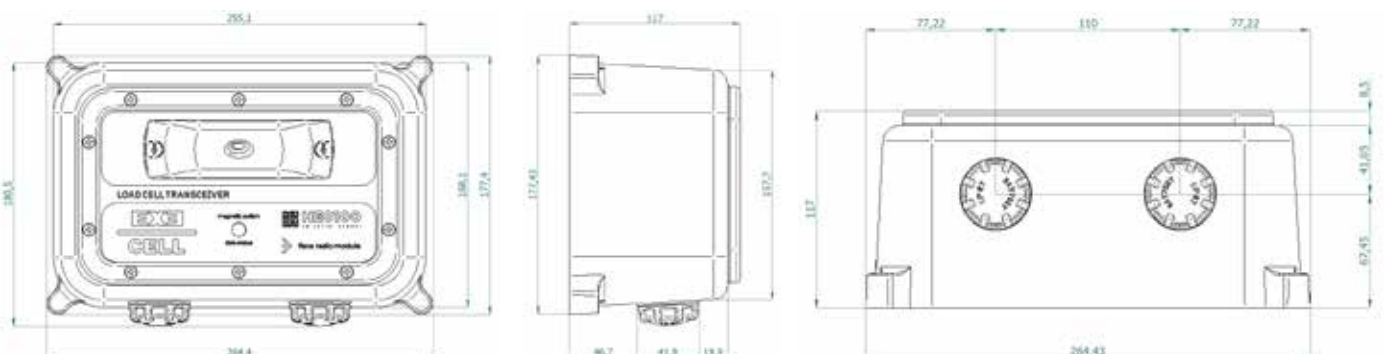
Wireless Chain Hoist Load Cell for EXE RISE Large Frame

- LT XFW-HKTL EXE RISE CHAIN HOIST LARGE FRAME COVER WITH BUILT IN TRANSCEIVER + BATTERY COMPARTMENT - N. 4 PIECES BATTERY TYPE "C" 1,5 VOLTS NOT INCLUDED
- LT XDLC-H2T EXE LOAD CELL PRO FOR LARGE FRAME CHAIN HOIST - HOOK + CELL LOAD CAPACITY 2,5 TON

Wireless Chain Hoist Load Cell for EXE RISE Extra Large Frame

- LT XFW-HKTX EXE RISE CHAIN HOIST EXTRA LARGE FRAME COVER WITH BUILT IN TRANSCEIVER + BATTERY COMPARTMENT - N. 4 PIECES BATTERY TYPE "C" 1,5 VOLTS NOT INCLUDED
- LT XDLC-HP5T EXE LOAD CELL PRO FOR EXTRA LARGEFRAME CHAIN HOIST - HOOK + CELL LOAD CAPACITY 5 TON

Cover dimensions [mm]



Main body

Chain Hoist Supplier

WLL
Safety Factor
Chain Hoist Specifications

Area Four Industries Italia Srl (IT)
Up to 2000kg depending on the configurations
From 5:1 to 10:1 depending on the configurations
Please contact: info@exetechnology.com

Electronics

Load measurement	Every Second
Maximum Transmission Rate	Every Second - According to the load status
Optimized Transmission Rate	(when the load stabilizes, the rate decreases)
Radio frequency ①	Sub-1GHz
Range (cell / gateway) ②	Up to 600m - in line of sight, unobstructed (longer distances using Repeater)
Data acquisition system	Gateway Flexa Control Line
Data managment and GUI	Flexa Control Software on PC connected to Gateway
Batteries	4 x Type C Batteries
Expected battery life ③	15000/20000
Reverse polarity protection circuit	Yes

① Sub - 1GHz - 868MHz for EMEA version, 915MHz for American version (more details and complete list of countries on www.flexasensors.com)

② See next page

③ The duration of the batteries strongly depends on how often the data are transmitted.

List of Parts



EXE RISE LARGE FRAME
CHAIN HOIST

+



EXE LOAD CELL HOOK

+



EXE COVER WITH BUILT IN
TRANSCEIVER

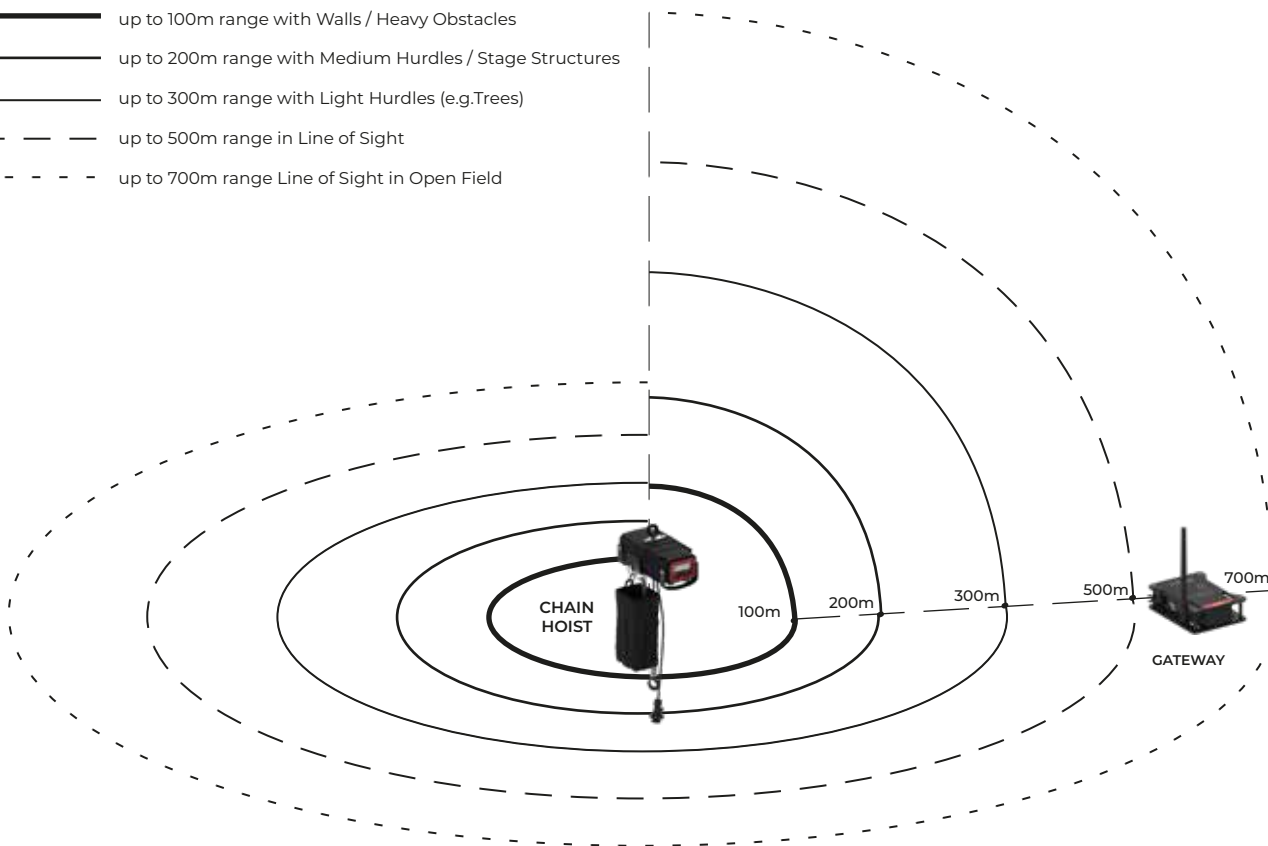
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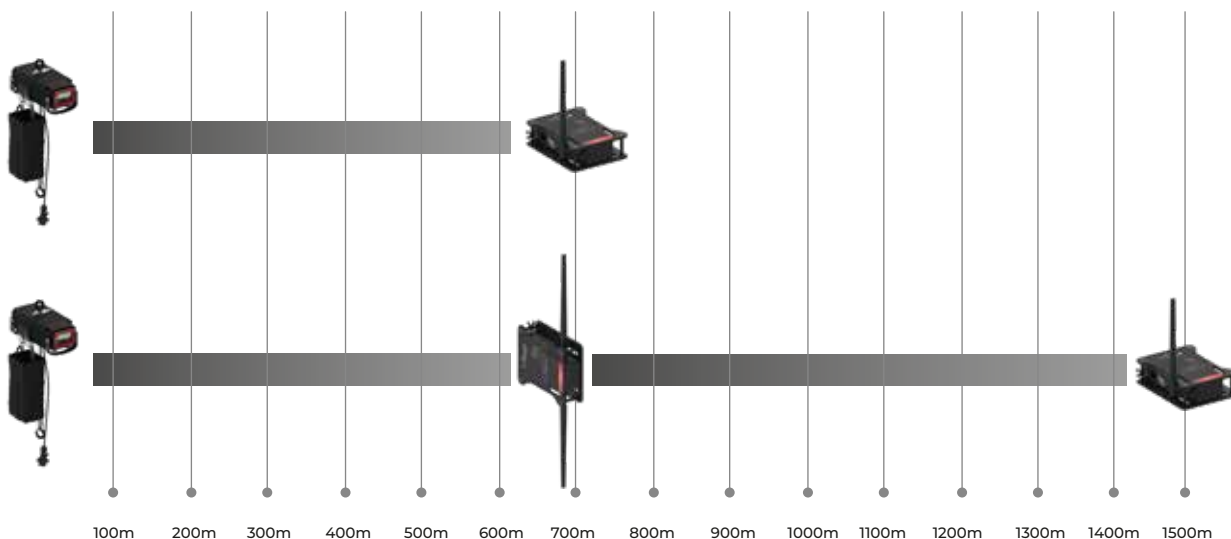
FLEXA MAGNETIC KEY

Range

- up to 100m range with Walls / Heavy Obstacles
- up to 200m range with Medium Hurdles / Stage Structures
- up to 300m range with Light Hurdles (e.g.Trees)
- up to 500m range in Line of Sight
- up to 700m range Line of Sight in Open Field



The maximum range of any wireless system depends on the propagation conditions. If the propagation between the Chain Hoists and the Gateway is in line of sight, the maximum range achievable with our system is about 600 meters. In the graph we have simulated the limitations due to various types of obstacles. Data are taken from field tests and theoretical calculations and are intended for guidance. Actual performance will be determined by site conditions.



In case it is necessary to cover longer distances or there are large obstacles to overcome, it is possible to add Repeaters, which can be located as far as 600 meters from the cells and 700 meters from the Gateway. It is not possible to connect multiple Repeaters in series: each Repeater needs a direct connection to the Gateway.

The data sheet shown may vary without notice. Please visit our website for any updates

www.flexasensors.com - www.exetechnology.com

Manufactured in Italy by Conset Srl - www.conset.it - Distributed by Area Four Industries Italia Srl - www.areafourindustries.it