

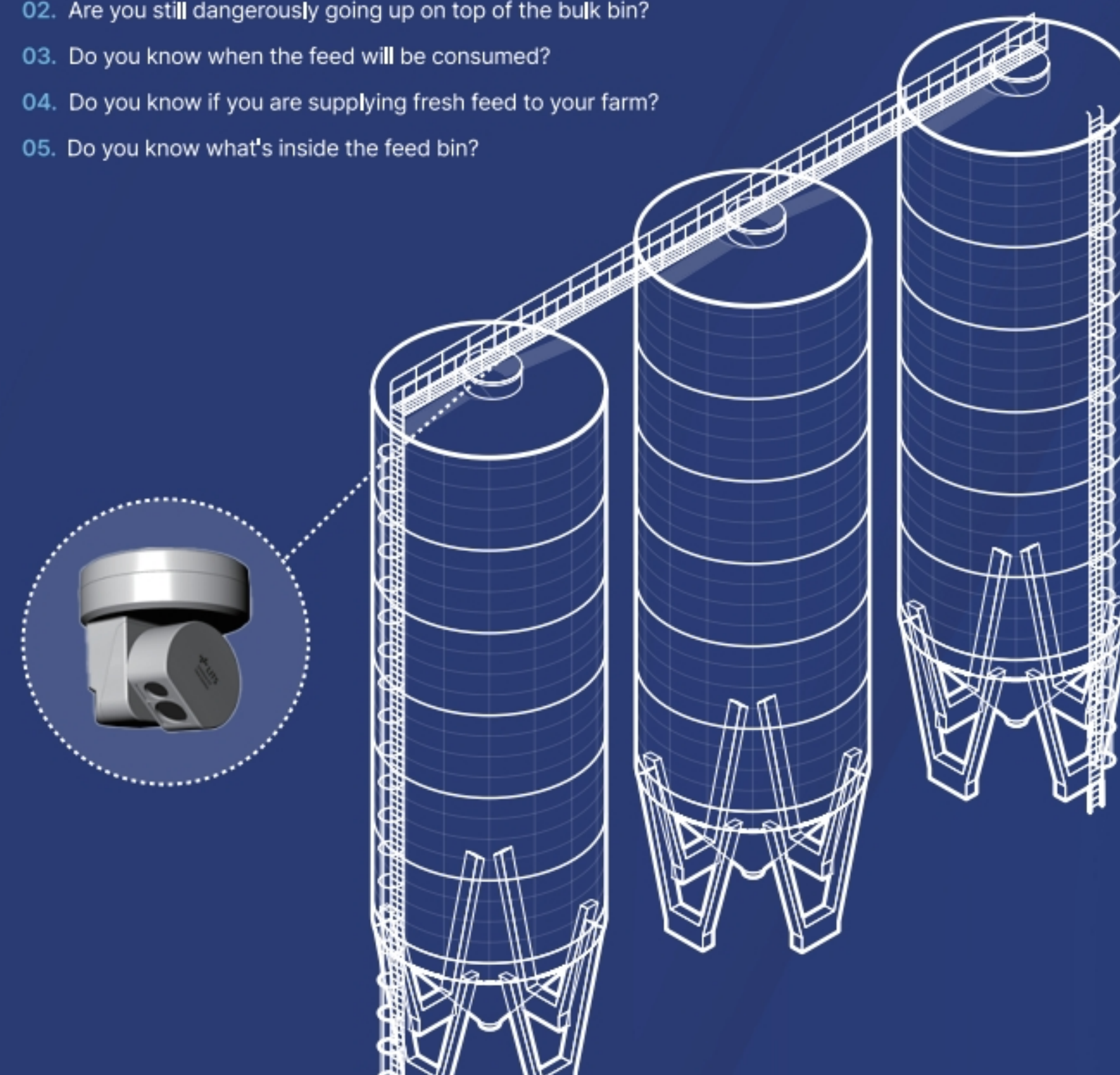
Product specifications

Category	Unit	Specification comparison	
		Other company	LITS
Precision of detection	%FS	3.0	1.5
Distance detection	m	30	10
Horizontal angle detection	Deg	30	360
Vertical angle detection	Deg	30	110
Laser eye safety level	-	-	Class1(IEC60825-1)
Automatic cleaning device	-	-	Yes
Wireless	-	-	Yes
Smartphone app	-	-	Yes
Battery operation (schedule)	-	-	Option

FEED BIN INVENTORY MANAGEMENT SYSTEM

Are you curious about the Inside of Feed Bin?

01. Do you still use a hammer to check the stock of feed?
02. Are you still dangerously going up on top of the bulk bin?
03. Do you know when the feed will be consumed?
04. Do you know if you are supplying fresh feed to your farm?
05. Do you know what's inside the feed bin?



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LITS will solve your concerns
about optimizing feed management



FEED BIN INVENTORY MANAGEMENT SYSTEM

Measure and manage the feed bin's inventory

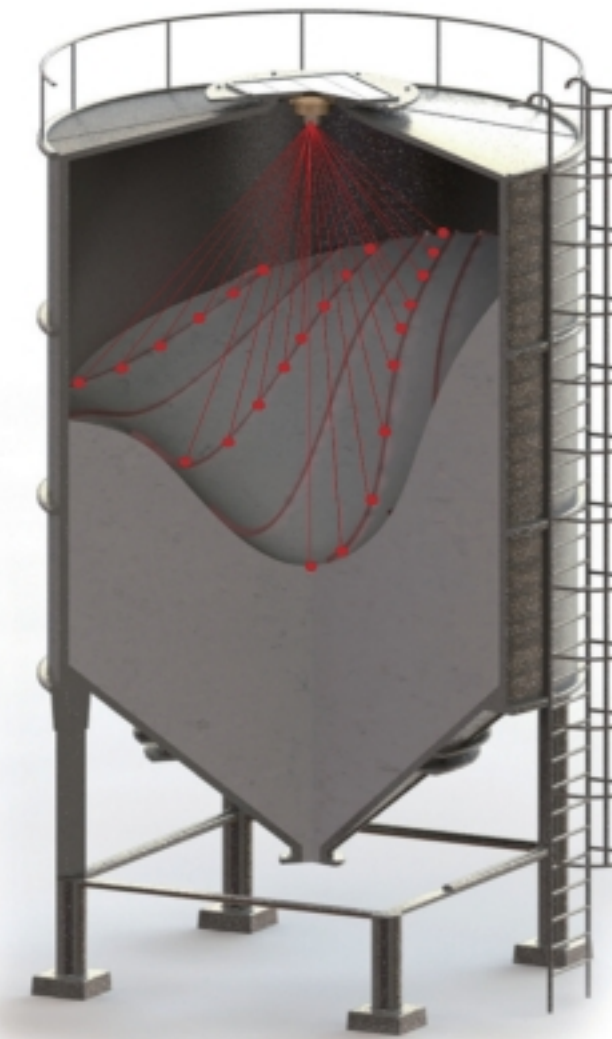
Features and Strengths

01. Realize the world's best measurement precision
02. Real-time inventory check
03. Blackhole phenomenon detection technology
04. Can empty the feed bin (Prevention of livestock diseases)
05. The world's largest wide-angle sensor detection technology
06. Precise notifications for when to order feed for each bin
07. World's first automatic sensor cleaning technology to prevent contamination
08. Feed clumping (caking) detection technology (optional)
09. World's first implementation of wireless communication
10. Affordable pricing
11. Safety accident prevention
12. Analysis of feed intake and productivity

Livestock farm benefits

- ☒ **Real-time feed inventory check**
Can avoid running out of feed & use PC or smartphone to manage
- ☒ **Can empty the feed bin**
Prevention of livestock diseases
- ☒ **Managing feed supply**
Growth management is possible compared to feed intake
- ☒ **Wireless communications**
Easy installation, can be applied to existing feed bin Smartphone app
- ☒ **Smart phone app**
Can manage and order feed in real time without going out
- ☒ **Safety**
Remove the need to go on top of the feed bin
- ☒ **Reasonable price**
Affordable price compared to loadcell

Livestock Farm



3D laser sensor



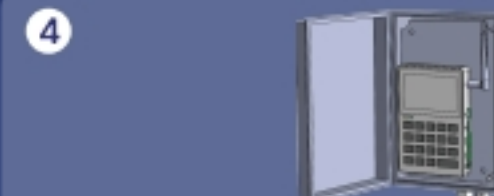
sensor rotation axis



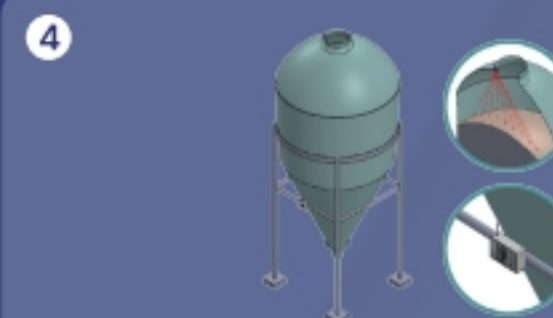
A precise 3D image



Data transmission



Wireless controller box at the site



In front of the feed bin
Real-time monitoring shows the feed level inside the bin through 2D images, volume, and mass data.
Check the amount of feed with image, volume and mass
When the feed is depleted, press a button to order more feed or check for clumping.

Manager



Computers & Smartphones



Real-time management with an administrator's PC or smartphone using a smartphone app

Send to Administrator

- ☒ Real-time monitoring of the sensor's operational status and feed inventory.
- ☒ Check the feed and feed type inside the bin through 3D images, volume, and mass using PC and smartphone.
- ☒ Various warning functions for timely
- ☒ Response automatic or manual ordering
- ☒ When feed runs low data analysis
- ☒ Check if the sensor is functioning correctly

