

APPS-CN-MSA-1 SILO OCCUPANCY LEVEL



Apps & hardware, compatible with all controllers (MC), ensuring continuous monitoring of material levels in silos and other storage areas. The app provides real-time measurements to optimize operations, improve inventory management, and ensure accurate tracking of materials.

Benefits & gains

- Continuous material level measurement to optimize operations
- Real-time detection of abnormal conditions
- Recording of measured volumes for performance analysis
- Reduced need for human supervision
- Improved system usage and occupancy



Technical specifications

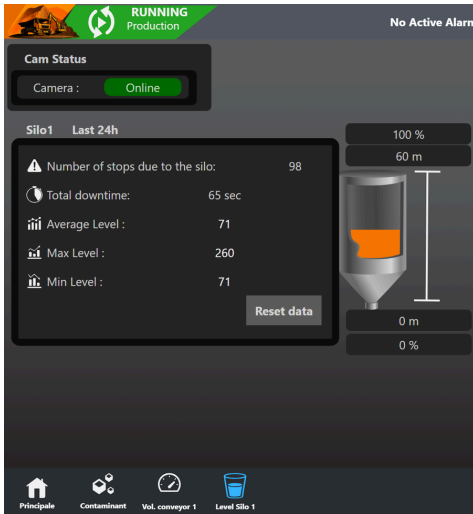
- Web-based HMI interface with secure remote access
- Multiple industrial communication protocols (including Ethernet/IP)
- Programmable inputs/outputs (I/O)
- Multi-camera module
- IP67 industrial panel, assembled and CSA certified

Scan me



SILO OCCUPANCY LEVEL

FEATURES	
Variant	Outdoor and indoor application
Technology	2D Lidar
Laser class	1
Light source	Infrared (905 nm)
PERFORMANCE	
Detection distance	Up to 60 m, 90% reflectivity (contact the manufacturer for more information on available distances)
Accuracy	±20 mm
Acquisition frequency	Scan every 0.67 s
Angular resolution	0.34°
INTERFACE	
Ethernet speed	100 Mbit/s
Visualization	WEB HMI with secure password access via IP
Inputs	3 configurable
Communication protocol	Profinet, Modbus TCP, OPC UA, TCP/IP, MQTT, HTTP, UDP
ENVIRONMENT	
Operating temperature	-33 to 50 °C
Storage temperature	-40 to 70 °C



Scan me



866-419-8800
info@cadenceautomation.ca