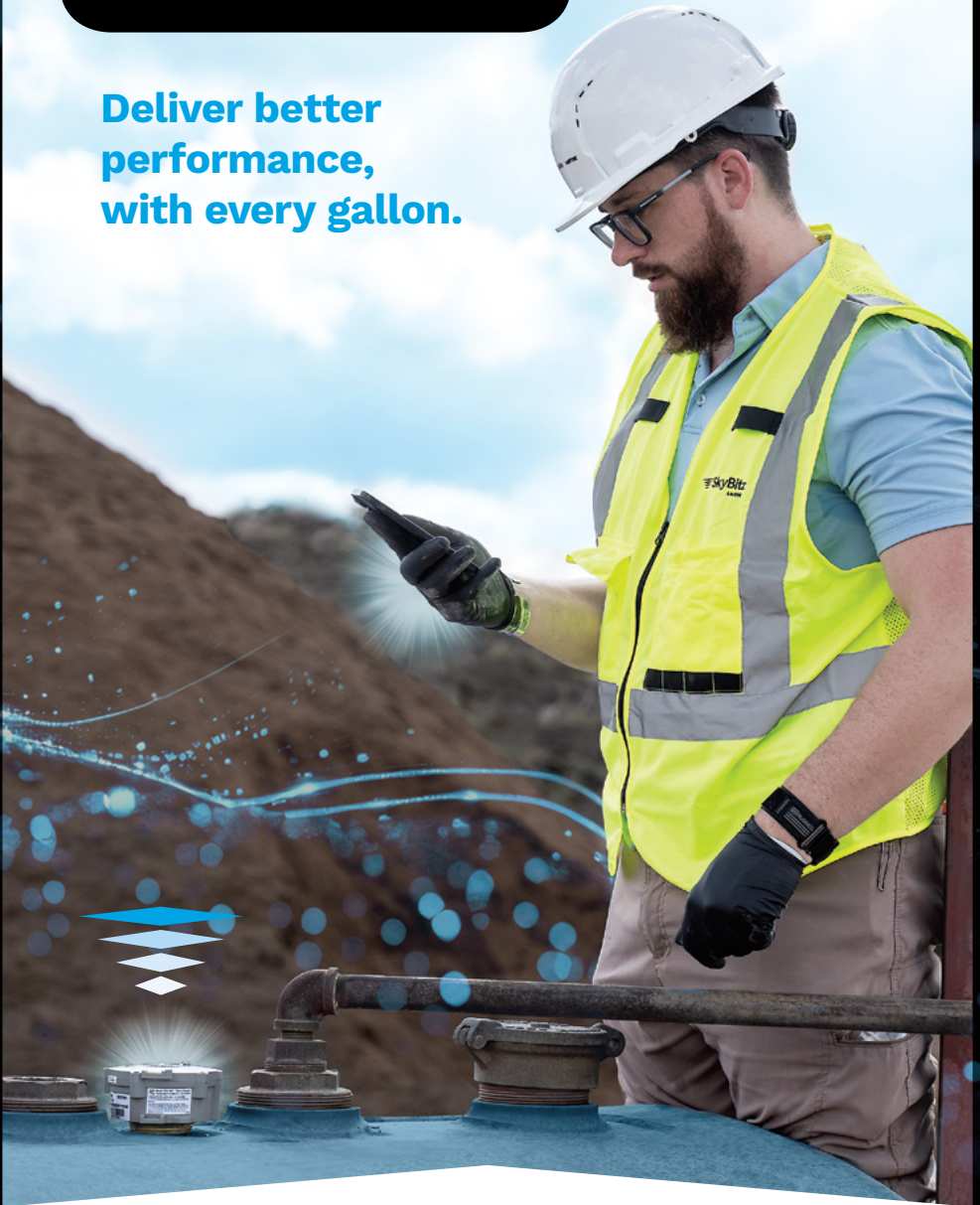


ST705 Radar Monitor

Deliver better
performance,
with every gallon.



 **SkyBitz** / **AMETEK**[®]

skybitzsales@ametek.com | skybitz.com | 800.909.7845

ST705 Radar Monitor

Save Gallons with Intelligent Tank Monitoring Solutions

The ST705 Radar Tank Monitor (C1D1) provides real-time visibility into tank levels, status, and performance, enabling smarter, data-driven management decisions. Combined with the SkyBitz Tank Installer Mobile App and the SmartTank Portal, the ST705 is an excellent hardware solution for a variety of tank types and products.

Performance Benefits

Advanced monitoring and insights:

Know exactly where your tanks are in real time and get a live view inside. Plan ahead with predictive fueling capabilities and improve operational efficiencies with early warning alerts.

Easy installation and use:

Its lightweight, compact design makes the ST705 simple to install. Activate sensors in seconds with the Bluetooth-enabled Tank Installer Mobile App, then monitor

all your tank assets and systems from one user-friendly dashboard display on the SmartTank Portal.

Continuous connectivity:

Cellular coverage in North America across multiple carriers provides consistently reliable connectivity wherever you are.

Durability and battery longevity:

Ensures reliable, low maintenance performance with UV-stabilized, rugged materials and up to 10 years of battery life.

Pinpoint accuracy:

Monitor liquid levels from 3.2 in. to 17 ft. with +/- .78 in. accuracy. The non-contact design avoids interaction with corrosive or pressurized materials, making it ideal for chemical applications.








Non-invasive approach: Eliminate chemical compatibility concerns with non-contact installation that avoids interaction with hazardous materials.





Enterprise Software Suite

SkyBitz software transforms complex tank fleet data into actionable intelligence. Paired with reliable hardware, the SkyBitz ecosystem simplifies operations, ensures compliance, and lowers costs. The advantage includes:

-  **Easy installation and verification** of monitors via the Tank Installer Mobile App and SmartTank Portal.
-  **Reliable, accurate data** available in real time.
-  **Centralized dashboard** for simple oversight across all tank assets.
-  **Proactive insights and forecasting** powered by your usage patterns.
-  **Asset transfers** to help streamline new business acquisitions.
-  **Bulk tank configurations and mass imports** for faster onboarding.
-  **3rd Party Installation Services** and project management solutions.



Download the Skybitz
Tank Installer App



Tank Compatibility

The ST705 is designed for a variety of tanks:

- Plastic (water-based) – Non-invasive: up to 6 ft / Invasive: up to 17 ft.
- Plastic (oil-based) – Non-invasive: up to 9 ft / Invasive: up to 12 ft.
- Metal (oil-based) – Invasive: up to 12 ft.

Compatible tank fluids:



Chemicals



Gasoline



DEF



Lubricants



Diesel



Water



Waste Oil



Heating Oil



Additives

Accepted Tank Types



Cylindrical/Oval
Vertical & Horizontal



Horizontal Oval



Stackable
Totes



Rectangular

Specifications

Certified for Safety: ATEX and C1D1 approvals for hazardous environments.

Dimensions & Weight: 1.95" H x 4.5" D | 10 oz.

Housing: UV-stabilized PVDF (Kynar) & polypropylene.

Radar Performance: Range: 3.2 in – 13 ft | Resolution: up to 0.39 in | Accuracy: ±0.78 in.

Battery Life: Up to 10 years.

Environmental Ratings: IP68 outdoor-rated | Operating Temp: -13°F to 122°F
Humidity: 10%–100% | Altitude: ≤6,500 ft.

Connectivity: Cat-M1, Bluetooth Low Energy (BLE) v5.

Global Coverage: 1NCE SIM (North America, Europe, Australia). Reach out to your Sales Agent for details.

IP68 outdoor-rated | Operating Temp: -13°F to 122°F | Humidity: 10%–100% | Altitude: ≤6,500 ft.



©SkyBitz Inc. | SkyBitz, the SkyBitz logo, SMARTank are registered trademarks of Telular Corporation.

Telular is a business of AMETEK, Inc. All Rights Reserved.