

SHIELDED ENCLOSURES DSC-40 DEPLOYABLE SHIELD CONTAINER



DSC-40 DEPLOYABLE SHIELD CONTAINER

- Rapidly Deployable ISO 40 ft Secure Facility
- ETS-Lindgren Series 101 RF-Shielded Enclosure
- TEMPEST-Ready Shielding Design
- Optional EMP/HEMP Hardening
- High-Performance EMI Power Line Filtering
- Honeycomb Waveguide Ventilation
- Secure Power & Data Penetrations
- Factory Tested to IEEE Std. 299

The ETS-Lindgren **DSC-40 Deployable Shield Container** provides a rapidly deployable secure facility designed to protect mission-critical electronics, communications equipment, and sensitive information from electromagnetic threats while preventing compromising emanations. Built within a rugged ISO 40-foot shipping container, the DSC-40 combines proven ETS-Lindgren RF shielding technology with integrated EMI filtering, secure penetrations, and transportable infrastructure for worldwide deployment.

Engineered for defense, government, intelligence, critical infrastructure, and secure communications applications, the DSC-40 incorporates an ETS-Lindgren Series 101 RF-shielded enclosure, shielded door, honeycomb waveguide ventilation, filtered power entry, and secure data interfaces to help maintain operational readiness in demanding environments. Optional EMP/HEMP protection, HVAC systems, custom equipment racks, electrical distribution, and fire detection and suppression systems allow the shelter to be configured for a wide range of mission requirements.

Every DSC-40 is factory assembled and tested for shielding effectiveness in accordance with IEEE Std. 299 before shipment, providing confidence that electromagnetic protection requirements are met prior to deployment. Whether used as a command and control center, secure communications node, data center, or mobile operations facility, the DSC-40 delivers proven electromagnetic protection in a transportable, turnkey solution.

Standard Configuration

- ISO 40 ft High Cube Transport Container
- ETS-Lindgren Series 101 RF-Shielded Enclosure
- RFD-100 RF-Shielded Personnel Door
- Honeycomb Waveguide Ventilation
- TEMPEST-Grade Power Line Filters
- Shielded Data Interfaces
- Grounding Provisions
- Factory Shielding Effectiveness Test

Options

- EMP / HEMP Power Filters
- Isolation Transformer
- HVAC Systems
- Custom Equipment Racks
- Electrical Distribution Packages
- Fire Detection & Suppression
- Interior Office Finishes
- Acoustic Treatment
- Shielding Effectiveness Measurement Kit
- Preventive Maintenance & Service

Technical Specifications

Electrical / Performance	
Shielding Effectiveness	Up to 120 dB (application dependent)
Test Standard	IEEE Std. 299
Optional Protection	EMP / HEMP
Transportation	Road, Rail, Sea, Air
Physical	
Container Type	ISO 40 ft High Cube
Exterior Dimensions	12.19 x 2.44 x 2.89m
Interior Shielded Room Approx.	10.20 x 2.10 x 2.50m