COMMAND & CONTROL CONTAINER SYSTEMS

Command Post Shelter 1:3

↗ In conflict scenarios, flexibility and speed are essential. Command and control systems must be immediately available. RUAG's high-tech command post shelters can be easily transported and provide a spacious and efficiently organized working environment. The containers are equipped with the necessary supply systems for autonomous operation. They are CSC-approved and fulfill the military standards.

↗ FEATURES

- Up to 35 m^2 of workspace
- Unique electric-powered folding mechanism with manual emergency operation
- Protection against NBC threats
- Ballistic protection
- Steel structure with thermal insulation with double-sided fold-out extensions
- Air-conditioning system (HVAC)

↗ KEY ADVANTAGES

- Easy to transport when folded (20-ft ISO container)
- Deployable in any terrain worldwide
- Quick set-up without additional equipment
- Ensures safety of personnel and equipment in extreme environmental conditions
- Provides comfortable and efficient workspace in a climate-controlled environment
- Overpressure capable of NBC protected ventilation system
- Fully equipped according to customer requirements
- Highly adaptable to various tasks
- High quality thanks to Swiss quality standards
- Worldwide service and assistance provided by RUAG spezialized technicians

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↗ DIMENSIONS & RATING

Container type according to ISO 668		1C	1CC
Length	external (transport mode) / internal (operation mode)	6,058 mm / 5,440 mm	6,058 mm / 5,440 mm
Width	external (transport mode) / internal (operation mode)	2,438 mm / 6,460 mm	2,438 mm / 6,460 mm
Height	external (transport mode) / internal (operation mode)	2,438 mm / 2,050 mm	2,591 mm / 2,200 mm
Floor space in operation		35 m^2	35 m^2
Max gross weight		11,000 kg	11,000 kg
Payload		3,500 kg	3,200 kg
Container weight (basic version)		7,500 kg	7,800 kg

↗ OPERATING CONDITIONS & APPROVALS

Transportability	Ship	CSC approval (213,360 kg stacking weight)
	Road	Truck & trailer transport on road & unpaved, heavy terrain (Mil Std 810)
	Railway	UIC 81
	Air transport	Mil Std 810 (interior load: up: 3.0 g; down: 4.5 g; side: 1.5 g; axial: 1.5 g)
Environmental condition	Operation	A1-A3, B1-B3, C0-C1 (AECTP 200 / STANAG 2895)
	Storage	A1-A3, B1-B3, C0-C1 (AECTP 200 / STANAG 2895)
	Solar radiation	Up to 1120 W/m^2 (Diurnal cycle acc. AECTP 200)
Topographic operating altitude	Up to 2,500 m above sea level	
Electrical safety	EMI / EMC	Mil Std 461, AECTP 250, VG95370 – VG 95377, 2014/30/EU
	LEMP / NEMP / HEMP	Mil Std 155-125 (optional)
	RF shielding	n/a
	TEMPEST	n/a
CBRN protection	Optional, prepared interfaces for operator cabin	
Ballistic protection	Up to KE Level 3 according to Stanag 4569 / AEP 55 Vol. 1 (optional)	

↗ AIR CONDITIONING SYSTEM

Direct evaporating air conditioner (compact or split unit)	
Cooling capacity	Standard 12 kW (up to 24 kW)
Heating capacity	6 kW electrical heating
Fossil auxiliary heater	Optional
Breathing air supply	According to Mil Std 1472

↗ BASIC ELECTRICAL EQUIPMENT

External supply voltage	230 / 400 V-AC 50 Hz
Fuse box	Operator & technical compartment
Lighting / Illumination	300 Lux / m^2 ceiling integrated
Power sockets	230 V-AC integrated into ducts
Server racks & IT cabling	According to customer requirements

↗ INTERIOR FITTINGS

	Standard	Option
Thermal insulation & smooth inner wall	×	
Signal line interface box to operator compartment	×	
C-Rails on side walls, ceiling & floor		×
Air distribution with textile hoses	×	
Wall / ceiling-integrated air distribution system		×
Door and walls with windows		×
Material cabinet below HVAC system outside		×

↗ FUNCTIONAL EQUIPMENT

	Standard	Option
Workplace with office chair	×	
Power generator		×
Isolation transformer		×
Uninterruptible Power Supply (UPS)		×
Server racks with shock absorber		×
Entrance tent		×
Customized electrical installation inside		×

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