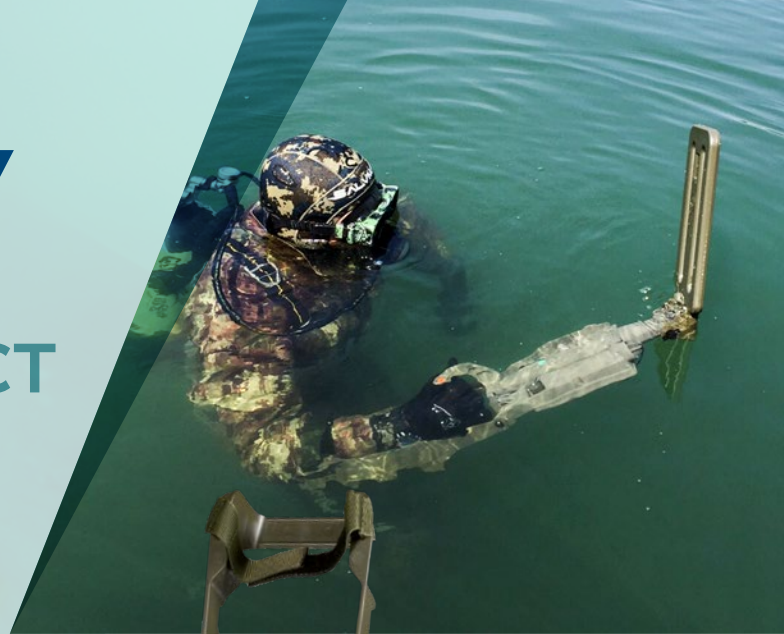


CMD[®]/DW

AMPHIBIOUS COMPACT METAL DETECTOR

NSN: 6665-151952881



KEY FEATURES

- **EFFECTIVE DETECTION** of all metal and minimum-metal content targets
- **ACCURATE PIN-POINTING** of the target's position
- **HIGH DISCRIMINATION** capability for adjacent targets
- **AUTOMATIC COMPENSATION** for mineralized and high natural metal content soil
- **BALANCED, LIGHTWEIGHT DESIGN**
- **EXTREMELY HIGH LEVEL** of electrical and mechanical **RELIABILITY**
- **INTEGRATED BATTERY CHARGER**
- **EASE OF OPERATION** with minimum training time required

**CERTIFIED TO
330 ft FOR DEEP
WATER SEARCH**

**EXCLUSIVE
AUTOMATIC SOIL
COMPENSATION
SYSTEM**

**ONE PIECE
RETRACTABLE
DESIGN**



www.ceia-usa.com

GSA Contract Holder

The **CEIA CMD/DW** is a very high performance, high sensitivity **amphibious metal detector certified to detect metal and minimum-metal content targets** from ground to fresh or salt water bodies **down to 330 ft depth**.

ONE-PIECE FOLDABLE DESIGN

The Metal Detector consists of a search head, a control unit, a telescopic pole and an elbow support jointed together in a one-piece design.

The detection head is light and the wiring is designed to be protected from any possible damage.

The one-piece foldable design allows the CMD/DW Metal Detector to be operational in a very short time and to be carried easily everywhere.

The detector is equipped with a built-in Ni-MH battery charger which allows the batteries to be recharged (in 3 hour max) without the need to extract them from the unit.

This also allows full environmental protection of components and maximum operational speed for the user.

ERGONOMIC OPERATION

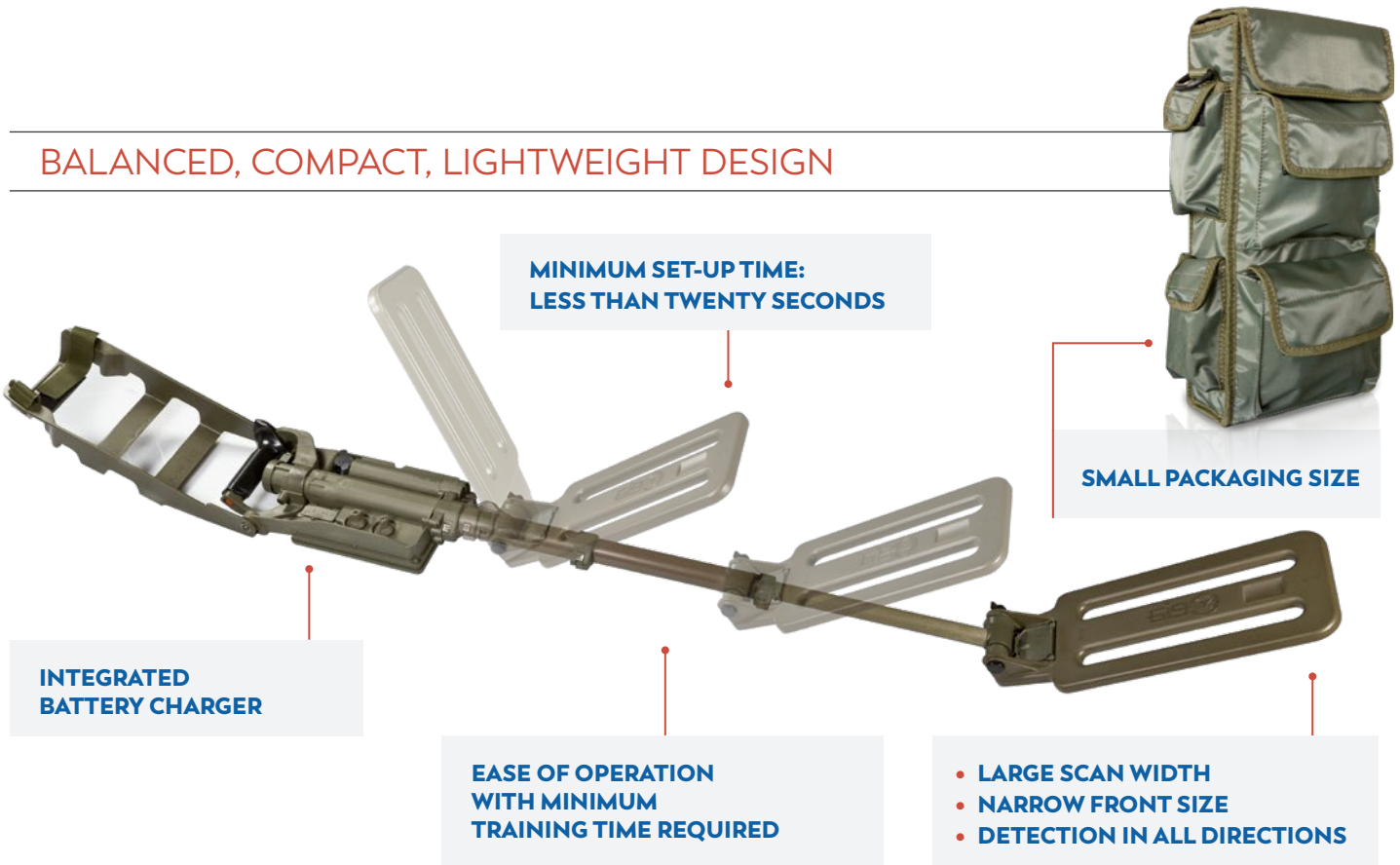
Intentionally designed to be used easily and comfortably in every working condition, the **CMD/DW can be set up for operation in less than twenty seconds**.

The Metal Detector offers the best combination of functional and operational characteristics it provides the highest ratio between overall dimensions, detection depth and operational weight.

The length of the telescopic pole can be adjusted for operation in upright, kneeling or prone positions.

The special shape of the **CMD/DW** search head gets simultaneously the fastest advance rate and inspection capability of narrow spaces.

BALANCED, COMPACT, LIGHTWEIGHT DESIGN



INTEGRATED BATTERY CHARGER

**MINIMUM SET-UP TIME:
LESS THAN TWENTY SECONDS**

**EASE OF OPERATION
WITH MINIMUM
TRAINING TIME REQUIRED**

SMALL PACKAGING SIZE

- **LARGE SCAN WIDTH**
- **NARROW FRONT SIZE**
- **DETECTION IN ALL DIRECTIONS**



COMPLETE SUPPORT FOR TECHNICAL AND OPERATIONAL COURSES

CEIA USA provides complete support for technical and operational courses, given by certified personnel, either on site or at its own premises. The curriculum includes first and second line maintenance, training for operators and a course for operator instructors:

- In country training and assistance
- Proprietary software tools for remote control and oscilloscope features
- Hardware and software upgrade
- Field Programming Key for in-the-field software upgrade

EXCLUSIVE AUTOMATIC SOIL COMPENSATION SYSTEM

The **CMD/DW** does not require any manual calibration; in addition, optimum sensitivity is ensured over all types of terrain due to CEIA's Exclusive **Automatic Soil Compensation System**. Localization of metal objects is optimized by an **Acoustic Modulation pinpointing system** aided by a Visual LED bar graph, which allows the position of the detected mass to be identified accurately.


MODERN CONTROL UNIT: SIMPLE TO OPERATE

The watertight control unit and search head withstand the most stringent environmental requirements and Standards:

- 1 Volume adjustment
- 2 Sensitivity adjustment
- 3 Built-in speaker (internal)
- 4 Main switch and spring actuated reset switch
- 5 LED bar indicator of signal intensity
- 6 Snap-down cover
- 7 Battery charger status indicator
- 8 Single Multifunction Connector:
 - ▶ Battery charge
 - ▶ Headphone
 - ▶ Accessories
 - ▶ Upgrade



SPECIFICATIONS

POWER SUPPLY	Types of batteries (2x), ANSI Standard, type C 1.2V Ni-MH rechargeable - 1.5V Alkaline (LR14)	
BATTERY LIFE AT 68°F (DEFAULT SEARCH PROGRAM)	with Ni-MH (6000 mAh) rechargeable batteries: 8 hours with alkaline batteries: 6 hours Battery charge indicator	
METAL ALARM	Adjustable sensitivity Audible alarm with adjustable volume and visual LED display (maskable with a snap-down infrared cover)	
DIMENSIONS	Search head: 13.8" x 5.5" Folded: 15.2" x 6.2" x 3" Fully extended: 50.8" Carry bag: 15.6" x 7.9" x 4.4" Transport case: 18.7" x 13.8" x 6.9"	
WEIGHT	Metal Detector (batteries included)	1.76 lbs under water 6.06 lbs on land
	Carry bag:	1.19 lbs
	Transport case:	8.8 lbs
	Headphone:	0.37 lbs
	CMD/DW Detecting Set:	15.5 lbs
OPERATING TEMPERATURE	-50.8 °F to +158 °F (land) From freezing to +158 °F (under water)	
STORAGE TEMP.	-67 °F to +185 °F	
DIVING DEPTH	Certified in deep water down to 330 ft 10 bar	
SET-UP TIME	Twenty seconds typical (batteries already in place)	
ACCESSORIES INCLUDED	GSMD-ACPSA1: 90-260V~ power supply adapter for the built-in battery charger (for land use). GSMD-DCPSA1: 12/24Vdc power supply cable fitted with a vehicle cigarette lighter plug (for land use). GSMD-HP-DW: Headphone (for amphibious use). GSMD-EXTSPK-DW: External loudspeaker (for amphibious use).	
ACCESSORIES	GSMD-VBR: Vibration Signalling Device	
	GSMD-TPS Test Pieces Set: it includes various reference samples, designed to test the detection of samples at different depths. The kit is supplied complete with Certification of Conformity to the Primary Reference Sample.	



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CEIA USA reserves the right to make changes, at any moment and without notice, to the models (including programming), their accessories and options, to the prices and conditions of sale - DP140K0006v4000uUS (2024)

CMD/DW DETECTING SET

TRANSPORT CASE

CARRY BAG

Carry bag in water resistant synthetic canvas (for land use)



METAL DETECTOR



HEADPHONE

For amphibious use



OPERATIONS MANUAL AND FIELD GUIDE



BATTERIES



METALLIC TEST PIECE



EXTERNAL SPEAKER



POWER SUPPLY

For the built-in battery charger, with power cords (UL and CEE plug)



POWER SUPPLY CABLE

For the built-in battery charger fitted with a car cigarette lighter plug

