

*One-case, rugged, rapid setup/strike  
Command and Control display system*



**C4ISR Platform**

The 1SD is based upon the combat proven family of Rapid Tactical Operation Center (RTOC) systems and provides eyes-on Command and Control access to mission critical data. The 1SD is ideal for displaying C4ISR computer applications, surveillance feeds, UAV ops and mission planning.

The 1SD is a one-case, rugged display solution that sets up in minutes. The system can be purchased as a whole or as a conversion kit to replace the less functional DC2E. Just keep the projector and screen and we provide the rugged framework and case.

Optionally, a Video Distribution Unit (VDU) used alongside the display allows the screen to be separated into multiple display areas that permits interaction with multiple applications simultaneously.

**Features**

- Mobile, rugged display system
- One-case solution
- Sets up/strikes in minutes
- Conversion kit available for DC2E system users
- Modular capabilities offering many screen size options
- Case options include color, D-ring tie downs, in-line wheels, etc.

**Technical Specifications**

**Frameset**

- Weight: 50 lbs, 160 with case
- Dimensions Packed (one case):  
84.0 in. long x 18.0 in. wide x 18.0 in. deep
- Dimensions Deployed (frameset only):  
87.5 in. high x 32.5 in. wide x 40.8 in. deep

**Display**

- 60 in. diagonal (standard), up to 95 in. diagonal, 4:3 aspect ratio, XGA, SXGA+, UXGA, QXGA, projector and screen options available
- 65 in. diagonal (standard), up to 75 in. diagonal, 16:9 aspect ratio (wide screen), 720p HD, 1080p HD, projector and screen options available

**ISO 9001-2008 Registered Company**





**nanoRTOC**

Weight: 43 lbs



**mRTOC**

98 lbs



**RTOC-AL**

215 – 425 lbs

Dims Packed (w x h x d):	1 case 34.13" x 30.76" x 10.25"	1 case 30.8" x 48.0" x 10.0"	1 case varies w/ display size
Dims Setup (w x h x d):	52.0" x 71.83" x 41.1"	56.0" x 76.3" x 52.5"	varies w/ display size
Screen Quantity/Size (w x h):	One/48" x 36"	One/48" x 36"	One/42" – 65"
Display Specifications:	1 Projector (front or rear) 1024x768 XGA, 1600x1200 UXGA, 720p HD, 1080p HD, 3500 lumens, 2400:1 contrast ratio	1 Projector (front or rear) Standard def. 1024x768 XGA, 1280x1024 SXGA, 720p, 1080p, 2600 lumens, 2600:1 contrast ratio High def. 1400x1050 SXGA, 1920x1080 HD, 720p HD, 1080p HD, 3100 lumens, 2500:1 contrast ratio	1 LED, LCD, or PL w/ one-touch AutoLift 720p HD, 1080p HD



**RTOC2100**

Weight: 200 lbs



**RTOC4200**

230 lbs



**RTOC6300**

300 lbs

Dims Packed (w x h x d):	1 case 66.0" x 31.0" x 17.0"	1 case 66.0" x 31.0" x 17.0"	2 cases 65.0" x 31.0" x 17.0"
Dims Setup (w x h x d):	66.0" x 88.8" x 62.6"	100.0" x 88.8" x 62.5"	varies w/ display size
Screen Quantity/Size (w x h):	One/48" x 36"	One/96" x 36"	One/144" x 36"
Display Specifications:	1 Projector (front) Standard def. 1024x768 XGA, 1280x1024 SXGA, 720p, 1080p, 2600 lumens, 2600:1 contrast ratio High def. 1400x1050 SXGA, 1920x1080 HD, 720p HD, 1080p HD, 3100 lumens, 2500:1 contrast ratio	2 Projectors (front) Standard def. 1024x768 XGA, 1280x1024 SXGA, 720p, 1080p, 2600 lumens, 2600:1 contrast ratio High def. 1400x1050 SXGA, 720p HD, 1080p HD, 3100 lumens, 2500:1 contrast ratio	3 Projectors (front) Standard def. 1024x768 XGA, 1280x1024 SXGA, 720p, 1080p, 2600 lumens, 2600:1 contrast ratio High def. 1400x1050 SXGA, 720p HD, 1080p HD, 3100 lumens, 2500:1 contrast ratio

## Display Configurations

RTOCs can be used in single display operations or paired with other RTOCs to provide numerous, unique display configurations. Single-screen RTOCs are often placed side-by-side to create a larger display area.

Video Distribution Units (VDUs) are commonly purchased with RTOC systems providing users with the ability to switch between display source content. VDUs can also allow multiple images to be displayed on a single screen system.

## SMART Board RTOCs

SMART Board RTOCs are also available in several configurations including traditional projector-based SMART Boards, flat panel SMART Board overlays and the latest SMART Podium table-top tablet that projects to a larger display.

SMART Board displays can be customized. Contact Spec Ops, Inc. for these and other SMART Board configurations.

## Customized Solutions

Spec Ops, Inc. frequently designs and manufactures RTOC display systems to meet customer requirements. Options include side-by-side and top-bottom flat panel systems, short throw and bounce projectors and weather resistant flat panels.



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