

— TACTICAL VIDEO COMMAND CENTER

TAC-CR

One 21.5" 1500-nit daylight panel on one ruggedized case: secure video comms, sensor feeds, applications and multi-classification network mgmt. Same core as the TAC-CR3.



DISPLAYS + VIDEO

Display	21.5" a-Si TFT-LCD, optically bonded, 1500 nit, 1080p60
Standards	H.264, H.265, H.263 (Tandberg MXP interop only)
Camera inputs	2: one HDMI 1080p60 and one 3G-SDI/HD-SDI 1080p60 Level A
Video inputs	3 × HDMI-CEC 2.0, 4Kp30
Video outputs	3 × HDMI-CEC 2.0, 4Kp30. Drives up to 3 external displays
Encode / decode	Video: Full HD 1080p60 · Content: 4K 2160p15

CAMERA

Image sensor	4K-UHD · output 4K-UHD, 1080p Full HD, 720p HD
Field of view	120°
Pan / tilt / zoom	Motorized, 170° pan/tilt, 5× HD zoom
Framing	Automatic framing and speaker tracking
Presets	3 camera presets
Outboard cameras	Up to 2

AUDIO

Features	20 kHz wideband, AGC, ANR, active lip sync, echo and noise cancellation
Standards	G.711, G.722, G.722.1, G.729AB, 64 kbps · 128 kbps MPEG-4 AAC-LD mono and stereo, Opus
Microphones	Beamforming array of 6 built-in omnidirectional condenser mics
Audio in / out	Balanced mic/line in with 48 V phantom power · balanced line out
Speakers	Built-in, near-field optimized
Headsets	Up to 4 operators simultaneously ¹



Headsets¹

Secure private communications for up to four operators.



■ Closes up and rolls out

Military-spec rugged case with wheels and a telescoping handle. Deploys in four steps: power cable, four latches, lid, power switch. One person.

COLLABORATION

VTC platforms	Microsoft Teams, Zoom, Google Meet, Webex
Protocols	H.323 and SIP · up to 6 Mbps point-to-point
Dual stream	H.239 (H.323) and BFCP (SIP)
Multipoint	5-way embedded SIP/H.323, transcoded. Automatic continuous presence layouts. Encryption and dual stream from any site
Wireless sharing	Webex clients, Cisco Proximity, Miracast
Firewall traversal	Cisco Expressway™ H.460.18, H.460.19

SECURITY + ENCRYPTION

Embedded	H.323 and SIP point-to-point. Standards-based H.235 v3, AES automatic key generation and exchange
Type 1	TS/SCI encryption ¹
Cross domain	RTB-compliant CDS, up to 3 classifications in one case ¹
RF mute	Silences every transmitter while the system stays powered

NETWORK + INTEGRATED ROUTER¹

Interfaces	Ethernet · Wi-Fi 802.11a/b/g/n/ac, 2×2 MIMO · 1 × USB-A
Transport	Hardline, Wi-Fi, 5G/4G, with bonding and automatic failover
Wi-Fi	Wi-Fi 6, dual-band 2.4/5 GHz, 2×2 MIMO, 802.11k/v · up to 500 ft
Cellular	Dual SSID, 5G FR1 NSA/SA, 4G LTE / 3G WCDMA / UMTS / HSPA+
GPS	NMEA GGA, VTG and/or RMC (user-defeatable)
Management	LAN, or centralized over WAN

NETWORK SWITCHES (UP TO 3)¹

Ports	10 per switch: 1G/10G, 1G combo, 1G Base-T, with PoE
Security + L2	Port security, 802.1X, MACsec-128, VLANs, spanning tree, EtherChannel

GENERAL

Onboard PC	Built-in PC for sensors, switches, encryption and user applications
Case	Military-spec, ruggedized, waterproof and dustproof, EMI/RFI shielded
Dimensions	Approx. 24.5" H × 19.75" W × 11.75" D
Weight	Approx. 65 lb ²
Power	100–240 VAC, 50–60 Hz, 1.6–1.7 A ²
Languages	23

NOTES

¹ Available option

² Depending on options

Specifications subject to change.

MADE IN THE USA SINCE 2010

CERTIFICATION & COMPLIANCE

JWICS

JITC

DISA DoDIN-APL

NDA

TAA

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