

TACTICAL COMMAND & CONTROL CENTER

HD Video and Data Acquisition, Streaming, Conferencing & Recording

AES-256 Encryption



*Secure Keycard
Automation System*

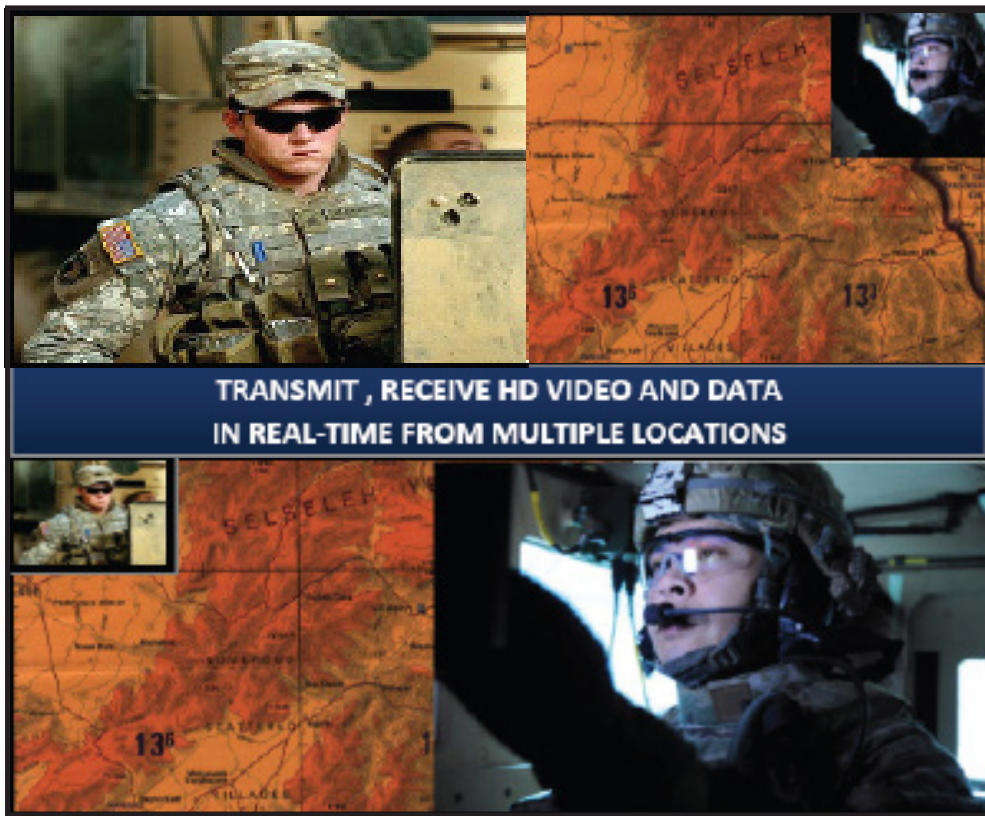
MediaPOINTE TAC-CR3

5960074; 6445777
(US PATENTS)

The TAC-CR3 is the world's only Tactical Command and Control Center (NOC). Host and stream live video, data and multipoint video conferences. Automatically record video calls, tactical data, live streams, or video from internal or remote cameras. Automatically upload and delete recorded communications for remote command operations. Receive remote content live or On-Demand (VOD)... All Wireless, High Definition, Encrypted and Secure.

FEATURE HIGHLIGHTS

- Secure user keycard automation
- AES-256 encrypted VTC, streaming and file transfer
- NATO 24V DC or 115V AC operation
- Auto file download to USB
- Auto encrypted FTP upload
- VOD playback of remote content
- Unicast or multicast streaming
- Encode virtually any format
- Support for portable electronics (i.e., smartphones, iPad)
- Three high brightness, sunlight readable optically bonded display-1080P LCD / LED display
- Embedded HD low light camera produces high quality images for nighttime operations
- Military spec case is man portable with EMI/RFI shielding
- Ruggedized, waterproof, dustproof
- SIP integration
- Cisco call manager compatible
- Incorporates JITC certified Cisco C-40 or C-60 codec
- Optional satellite or terrestrial based wi-fi/ broadband terminal
- Embedded microphone and speakers for high quality, reliable audio



FOCUS SYSTEM

- Full Auto (Normal AF/Interval AF/ Zoom Trigger AF), One-Push Trigger, Manual, Infinity, Near-Limit Setting

OVERALL SPECIFICATIONS

- 25.5 x 24.5 x 14.5"
- 80 lbs.
- Pull Handle and Casters

RECORDING

ENCODING/STREAMING

- H.264
- RTSP
- Unicast
- Multicast RECORDING
- Multiple encoding rates
- Multiple frame rates
- Optional title and credit slides
- Auto record video conferences

ARCHIVES

- Access through web browsers
- (no client software needed)
- No file size or duration limit
- (within constraints of hard drive)
- Thumbnail images of files
- Automatic download to USB
- Automatic FTP upload w/ encryption

VIDEO-ON-DEMAND (VOD) PLAYER

- Securely browse/play remote archives and streams

STORAGE

- Total Storage with vary based on content data and resolution estimated at:
- 22 hours at 5 MB
- 110 hours at 1 MB
- 220 hours at 500 KB
- 44-440 hours - AESOP

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HD CODEC SPECIFICATIONS

COMMUNICATION PROTOCOLS

- H.323
- IETF SIP

VIDEO

COMPRESSION STANDARD

- H.261
- H.263
- H.263+
- H.264

RESOLUTION

- Up to 1080p

BIT RATE

- H.323/SIP up to 6Mbps Point to Point

AUDIO

BANDWIDTH & CODING

- G.711
- G.722
- G.722.1
- MPEG4 AAC-LC

ECHO CANCELLATION

- Stereo echo-canceling supported
- Noise reduction included
- Automatic gain control included

INTERFACE

VIDEO INPUT

- 2 HDMI
- 1 DVI-I
- 1 Analog component (Y/Pb/Pr)
- 1 S-Video/Composite

VIDEO OUTPUT

- HDMI (video, audio) RGB
- DVI-I

AUDIO INPUT

- Mic Input x 2 (Phantom powered)
- Audio Input (MIC/AUX) x 2 (RCA pin, stereo) x 1
- 1 HDMI

AUDIO OUTPUT

- HDMI (audio, video)
- Line Output (RCA pin, stereo)
- REC Output (RCA pin, stereo)

CAMERA CONTROL

FAR END CAMERA CONTROL

- H.281

CONTROL/MAINTENANCE

INTERFACE

- RS-232C

NETWORK

- 10BASE-T/100BASE-TX
- ISDN Unit Interface

DISPLAY SPECIFICATIONS

DISPLAY TYPE

- Three 22" DIAGONAL FHD Active Matrix LCD with LED BLU back light and optical bonding
- Two fold out monitors

MAXIMUM RESOLUTION

- 1920 x 1080i (TRUE HD)

HDMI INPUTS

- 1 PC (RGB INPUTS)
- 1 DVI INPUTS
- 1 (DVI-D) SIGNAL INPUTS- PC
- 1920 x 1080max

CAMERA SPECIFICATIONS

LENS

- 10x optical zoom, f=5.1 mm (wide) to 51.0 mm (tele), F1.8 to F2.1

DIGITAL ZOOM

- 20x (200x with optical zoom)

TILT RANGE

- 9° Vert (4.5° up/ 4.5° down)

HORIZONTAL VIEWING/LENS ANGLE

- 29° ~ 54.1°

WHITE BALANCE

- Auto
- Indoor
- Outdoor
- One-Push
- Manual

BACKLIGHT COMPENSATION

- On/Off

SIGNAL SYSTEM

- HD: 1080/59.94i, 1080/50i, 720/59.94p, 720/50p
- SD: NTSC (crop/squeeze), PAL (crop/squeeze)