# Video Conferencing System VC4

The TRIUMPH BOARD Video Conferencing System VC4 provides uniquely budget-friendly, 4-site, high-performance MCU, real-time full HD video streaming and HD real-time content sharing with recording capability.
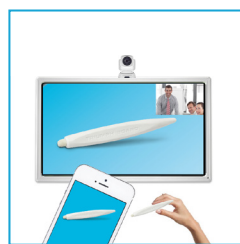
Wide-angle Full HD camera with 16x optical zoom ensures no one is left out of the shot, a sophisticated audio processing technology microphone array produces true-to-life sound, a sleek and a compact system design enables easy integration with TRIUMPH BOARD LED LCD Series for an advanced total solution.

## Features

- 4- Site System
- License upgrade to 6, 8 or 10 points
- Full HD video & HD content sharing
- Easy connection set up
- One-touch recording

- High definition (+/- 100° pan, +/- 25° tilt) camera
- High-efficiency lost packet recovery technology
- Microphone array advanced audio processing technology
- Software add-ons: TRIUMPH Meeting, TRIUMPH Link, TRIUMPH Share, TRIUMPH Player, WebTool application

| TRIUMPH Meeting | TRIUMPH Link | TRIUMPH Share | TRIUMPH Player | WebTool application |
|---|---|---|---|---|

**TRIUMPH Meeting**- mobility software to connect to desktops, laptops, tablets and mobile phones

**TRIUMPH Link** – share live images and snapshots directly from your mobile device

**TRIUMPH Share** - wirelessly share content from your PC at any time during a call

**TRIUMPH Player** – playback recorded meetings or convert the video files to a different format

**WebTool application** - handy integration remote access tools

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# Specifications

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|---|---|
| EAN: | 8592580083150 |
| Model: | TRIUMH BOARD Video Conferencing System VC4 |
| Accessories in the box: | Main system unit (codec), PTZ HD camera, microphone array, IR remote control with batteries, power supply, cables, warranty card, quick installation card |
| Communications: | H.323 and SIP standards, SIP TLS (ballation) |
| | 64Kbps~4Mbps |
| | RJ45 network LAN (10/100/1000) |
| | Manual bandwidth settings |
| | Content sharing capability from all sites |
| Camera: | Support for single camera |
| | pan/tilt/zoom camera |
| | 2-megapixel CMOS sensor |
| | 16x optical zoom; ±100° pan; ±25° tilt |
| | FOV 61° (H); 35° (V); 67° (Diagonal) |
| People video resolutions: | HD1080p (1920 x 1080) |
| | HD720p (1280 x 720) |
| | 480p (848 x 480) |
| | 4CIF (704 x 576) |
| | CIF (352 x 288) |
| | SIF (352 x 240) |
| | All resolutions at 30fps |
| Supported Content video resolutions: | HD1080p (1920 x 1080) |
| | WSXGA+ (1680 x 1050) |
| | SXGA (1280 x 1024) |
| | WXGA (1280 x 768) |
| | HD720p (1280 x 720) |
| | XGA (1024 x 768) |
| | SVGA (800 x 600) |
| | D1 (720 x 480) |
| | VGA (640 x 480) |
| | Output resolutions: HD1080p (1920 x 1080) up to 30fps |
| Video standards: | H.264, H.264 HP, H.264 SVC, H.263+, H.263, H.261 |
| | H.239 dual video streams, BFCP content sharing |
| Video inputs: | HD camera, VGA, DVI (HDMI) |
| Video outputs: | HDMI, VGA |
| Audio standards: | G.711, G.722, G.722.1, G.728, G.722.1C |
| Audio features: | Automatic gain control (AGC) |
| | Advanced noise reduction |
| | Acoustic echo cancellation (AEC) |
| Audio inputs: | Microphone daisy chain up to 4 |
| | Line-in (3.5 mm), DVI (HDMI) |

| | |
|---|---|
| Audio outputs: | HDMI, Line-out (3.5 mm) |
| Other supported standards: | H.224, H.225, H.245, H.281, H.323 Annex Q, H.460 |
| User interface: | Supports single and dual monitor display |
| | Multiple layout styles; Display / edit site name |
| | User-friendly OSD (27 supported languages: English, Czech, Danish, Arabic, Bulgarian, Croatian, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Latvian, Norwegian, Polish, Portuguese-Brazil, Romanian, Russian, Serbian, Slovak, Slovenian, Spanish, Swedish, Turkish, Ukrainian) |
| Network: | 10/100/1000 Mbps; NAT / firewall traversal; High Efficiency Lost Packet Recovery (HELPeR™); API support via Telnet; Wake-on-LAN (WOL) support; IPv4 and IPv6 support; Network Test; QoS |
| Security: | AES (Advanced Encryption Standard) function (128-bit) |
| | Password protection for system settings |
| | Password protection for remote system management |
| Web management tool: | Remote management; Live monitoring; Firmware update; Phonebook download / upload / edit; Restore system settings |
| Value-added features: | Meeting recording: In meeting and offline recording, Save directly to USB flash drive, Supports screen re-layout during playback, Playback and file conversion via TRIUMPH Player software (.mov/.mp4 format) |
| | Speed dialing via hot keys (10 sets) |
| | Camera presets (10 positions) |
| | Network Time Protocol (NTP) |
| | License upgrade to 6, 8, 10 points |
| | TRIUMPH Share support |
| | TRIUMPH Link support |
| Power supply: | AC 100V~240V, 50/60Hz; Consumption: EIAJ 12V, 4A |
| Environmental data: | Operation temperature: 0~40°C; Operation humidity: 20%~80% |
| | Storage temperature: -20~60°C; Storage humidity: 20%~80% |
| Gross weight: | 5.98kg (13.19 lbs) |
| Dimensions: | Package: 378 x 297 x 224 mm |
| | Main system (codec): 320 x 262.7 x 37.2 mm |
| | Camera: 122.3 x 122.3 x 159.5 mm |
| | Microphone array: 131.9 x 118.6 x 25.5 mm |
| Mobility Software: | Supported devices: Windows® and Mac OS®, iOS, Android phones and tablets, Windows 8 tablets |
| | Other features: Connect with H.264 and H.263+, Receive resolution up to HD 720p 30fps, Transmit resolution up to VGA 30fps, Compatible with VC1/VC4, Support content sharing |
| Optional accessories: |  |

microphone   camera mount

## Hardware specifications

### Front panel



network status   USB   USB   power

### Back panel



CAMERA   DVI IN   VGA IN   HDMI-1 OUT   HDMI-2 OUT   RESET

NETWORK   MIC   AUDIO IN   AUDIO OUT   VGA OUT   DC IN