

## Sangoma Vega MCU 12-port Video Conferencing Appliance (MPCU-12)



Product Name: Sangoma Vega MCU 12-port Video Conferencing Appliance (MPCU-12)

Manufacturer: -

Model Number: MPCU-12

Please Note: This product has been discontinued. To find an alternative, please take a look at the Sangoma range of products.

Sangoma Vega MCU 12-port Video Conferencing Appliance (MPCU-12)

A low-cost and manageable desktop video conferencing solution designed to easily integrate with popular SMB IP-PBX solutions.

Sangoma Vega MPCU-12 Key Features

- Tested and Proven Interoperability
- High Quality Voice and Video Processing
- Quick to Deploy
- Audio/Video Conferencing
- Multiple Video Layouts
- High Capacity Video Conferencing
- Multiple Conference Bridges

Video conferencing has become a popular service widely used by organizations. Low cost video endpoints, as well as the popularity of smart phones, have made enterprises think about integrating video capacity to their existing communication networks.

Vega Video MCU is a versatile SIP-based multipoint conferencing unit appliance that allows SMBs and SMEs, with multiple locations, to easily add video conferencing capacity to their existing telephony systems. Providing high quality voice and video conferencing in a single platform increases productivity for enterprises and reduces communication and travel costs.

Sangoma Vega MPCU-12 - Technical Specifications

Ease of Use

Imagine adding video conferencing capability to your existing PBX in 4 easy steps:

- Connect VEGA Video MCU to your enterprise network
- Configure IP Address information on MCU
- Connect to your enterprise IP PBX web interface, query and apply Vega MCU settings
- Make your first HD video conferencing call from your video IP phone endpoint

PBX Integration

Our MCU comes with a standardized RESTful API that PBX administrators can query to get necessary information in order to easily provision video conference rooms their existing PBXs.

Dedicated Media Processing Hardware

Our MCU has dedicated DSP resources that allow scalability for high density audio and video conferencing.

VoIP Interfaces:

- SIP
- Audio codecs: G.711 (a-law/μ-law) G.722 G.723 G.726 G.729 ABiLBC GSMAMR
- Video codecs: H.264 H.263 H.263-1998
- Transmission video frame rates: 15 20 22 25
- Video resolutions: SQCIF QCIF CIF VGA 720p
- Transcoding

## Sangoma Vega MCU 12-port Video Conferencing Appliance (MPCU-12)

• 1/2 Trans rating  
• 1/2 RTP, RTCP

### Identification

• 1/2 SIP registration & digest authentication  
• 1/2 Local registration termination  
• 1/2 Remote registration  
• 1/2 SIP registration to multiple PBXs

### Call Quality

• 1/2 Adaptive jitter removal  
• 1/2 Silence suppression  
• 1/2 Video frame rate adaptation  
• 1/2 Advanced video quality enhancement algorithms

### HD Video Conferencing:

• 1/2 3 available layouts configurable as a per user basis  
• 1/2 Voice Activity Switch (VAS) layouts  
• 1/2 Specially designed layout for desktop content presentation  
• 1/2 N-MOST active speakers layout  
• 1/2 Up to 16 video participants in continuous presence within a single conference  
• 1/2 Up to 32 audio-only participants within a single conference

### Operations & Maintenance:

• 1/2 HTTP(S) web server  
• 1/2 Standardized RESTful API for appliance provisioning

### Warranty

Standard 12-month warranty is included. Additional warranty services available, please Contact Us

**Please Enquire**