



FOCUS
arena

FOCUS ARENA DATASHEET

by VideoCentric Ltd

The Focus Arena is a unique hybrid solution featuring native Microsoft Teams Room and Zoom Rooms technologies in one package. Its focus on Teams and Zoom is complimented by an arena of other applications, either dedicated to the meeting room, or brought in on a participant's own device (BYOD).

By switching common components, VideoCentric has made it possible to walk into a meeting room, select one of four modes and join the conference of choice. Without the need for IT intervention, users now have control at their own fingertips with professional camera, audio and touchscreen technology optimised for the specific meeting room concerned. With wireless microphones, wired and wireless presentation sharing, BYOD connectivity, touch controlled optical 5x or 12x zoom PTZ cameras and full installation & support services, the Focus Arena represents the world's most advanced video conferencing solution for 2021.

Integration of pre-certified components

Focus Arena is based on tried and tested technologies, certified by both Microsoft and Zoom for their respective Room solution offerings, but until now they haven't been integrated into a single supportable solution. VideoCentric's wealth of experience, coupled with interoperability & testing facilities that include one of every MTR and Zoom Room system on the market, together with legacy Poly, Cisco and Lifesize systems and all major cloud services, means that it has been tested thoroughly for reliability over the 5 months since its conception.

USABILITY

Behind the scenes, the Focus Arena's multiple processors have their own identities, allowing the meeting room resources to be scheduled via independent invitations. With One Touch Join (OTJ) activated for Teams Room and Zoom Rooms, meeting room users simply walk in and...

1. press "on" (if powered off),
2. select "mode" (Teams, Zoom, BYOD or Room PC), and
3. press "join"

Being "native" Teams, the Room system interface on the neat 8" Touch Panel is the Microsoft one that appears on all MTRs; Yealink in our case. Similarly, if switched into Zoom mode, it is the popular Zoom Rooms interface that appears on the same touch panel.

If one of an "Arena" of Desktop Apps (e.g. Webex, Lifesize, BlueJeans, GoTo, GoogleMeet, Pexip, Zoom Client, Teams Client etc) is preferred for a particular meeting, then "BYOD" or "PC" modes can be selected, allowing the same camera & audio system to be used with an individual's own Windows laptop or MacBook, or a fixed meeting room PC (NUC or mini-PC) controlled either by a familiar wireless keyboard and mouse, or from the surface of an interactive touchscreen or whiteboard. All these options are available through VideoCentric to create a seamless solution customised for the room in question.



Specifications

Standard Package Content

- Microsoft-certified MTR Processor & software
- Zoom-certified Rooms Processor & software* (*Zoom Pro/Biz account and device license needed)
- BYOD HDMI cable for connectivity of own processor to one display screen
- BYOD USB cable for input/output connectivity of camera and audio system to own processor
- MS & Zoom-certified Touch panel
- 12x or 5x Optical PTZ camera for large or medium sized meeting rooms
- Two wireless room microphones (optionally extendable to four) with charging base/s
- DECT wireless microphone receiver card
- Amplified Soundbar
- Wireless presentation device with in-built receiver
- Switching Hub for camera/audio selection, touch panel steering, direction of wired & wireless presentation inputs
- Pre-programmed Mode selector for wall or table mounting
- Mini 19" Rack to neatly house the Focus processors, switches and interconnect cables. Suitable for mounting on a wall or in the base of cupboard/credenza unit.

Add-on Options

- Zoom Rooms account (Pro, Biz or Enterprise)
- Zoom Rooms Device Licence
- Zoom Rooms CRC Interoperability Licence option for SIP & H.323
- MS Teams CVI Interoperability Licence for SIP and H.323
- Displays & mountings
- Fixed meeting room PC (mini-PC, NUC or OPS slot)
- Wireless Keyboard & Mouse for controlling Arena apps from tabletop
- Interactive Whiteboarding Display for stand-up control of PC Apps
- Extra pair of wireless microphones & USB charger (supplied together)
- Extra wireless USB button for more content sharing flexibility
- Wireless BYOD (coming Q2 2021)

MS Teams Processor (MTR)

- M-Core Mini-PC with 8th-gen Intel® QUAD-CORE i5
- Memory: 8GB (2x 4GB)
- Storage: 128GB SSD
- 1x VCH port for Touch control
- 1x 10/100/1000M Ethernet port
- 1x Power port
- 2x HDMI video outputs
- 4x USB including video input
- Windows 10 IoT Enterprise X64 with Enterprise License
- Microsoft Teams Room Application

Zoom Rooms Processor

- Z-Core Mini-PC with 8th-gen Intel® QUAD-CORE i5
- Memory: 8GB (2 x 4GB)
- Storage: 128GB SSD
- 1x VCH port for Touch control
- 1x 10/100/1000M Ethernet port
- 1x Power port
- 2x HDMI video outputs
- 4x USB including video input
- Windows 10 IoT Enterprise X64 with Enterprise License
- Zoom Rooms App capable (need Zoom Device Licence)

Touch Control Panel

- 8-inch IPS screen
- 1280 x 800 resolution
- 10-point capacitive touch screen
- Table stand with 28-50 degree adjustment
- FHD 1080P/30FPS wired and wireless content sharing
- Wireless WiFi AP content sharing receiver
- HDMI/USB-C HD video input



by





Motorised PTZ Camera

- 1920 x 1080 video resolution
- 60 frame rate
- 12x or 5x optical zoom
- Field of view (diagonal): 78.5° (12x) or 91° (5x)
- Auto-framing
- Camera Pre-sets
- Pan range: 200° (12x) or 60° (5x)
- Tilt range: 60° (12x) or 40° (5x)
- 1x Line-out (3.5mm) to Soundbar
- 1x USB 2.0 Type-B
- 1x USB 2.0 Type-A
- 1x Power port
- 1x Security lock slot
- 1x Reset slot

Wireless Room Microphones (pair)

- Built-in 3-microphone array
- 20ft (6m) and 360° voice pickup range
- Noise Proof Technology
- Up to 2 pairs can be linked
- Mute button with bicolour LED
- USB charging base supports 1 pair of microphones

Soundbar

- Frequent response: 100Hz - 20KHz
- S/N : ≥70dB
- 1x Line-in (3.5mm) from PTZ Camera

Wireless Presentation Device

- USB 2.0
- 5GHz 802.11ac Wi-Fi Network
- Plug and Play (no routers or extra network configuration required)
- Low Latency
- 1080P 30 fps Full HD Content Sharing
- Supported platforms – MS Windows, MacOS, Apple AirPlay

Processor Switching Hub

- USB 2.0 compatible
- USB type B input for PTZ Camera
- 4 female USB type A outputs to up to 4 Focus Arena processors
- RS232 control with "stay alive" functionality
- 1x Power port

Touch Controller Switching Hub

- Cat 6 up to 10Gbps
- Latching for maintained connection state without power
- Remote Control
- Ethernet 10base-T, SNMP or Telnet. DB9 RS232

Display Switching Technology

- RS232 controlled 4x1 switching for monitors
- USB-to-HDMI digital signage adapter for status messaging

Mode selector

- 6 pre-programmed function buttons
- (On, Off, Teams, Zoom, PC & BYOD)
- Illuminated buttons with status colours
- Flash-while-active indication

Mini Rack-mount assembly

- Black steel
- 19" Width
- 10-qty IEC power points
- Internal components pre-assembled for rapid installation

CE markings, Electrical approvals, Power Usage & Operating temperatures, Country of Origin of inner components listed separately.

Display Requirements

VideoCentric supplies a wide range of passive and interactive displays for Focus Arena including 49, 55, 65, 75, 86 & 98" variants. For the best experience, dual displays are recommended, each requiring just 2 HDMI, 1 USB and 1 RS232 control ports. Consequently, Focus Arena is compatible with most commercial and professional displays and projectors if you would rather us re-programme the solution to re-use your existing units.

Expert Support of Focus Arena

This solution has been created by VideoCentric's own engineers and deployed by its own team of installers. We carry spares here in the UK and insure hardware and software through respective manufacturers to guarantee rapid response SLAs. In-house telephone helpdesk with email & video support from our own staff means we care for your installation ourselves to maximise uptime and keep your organisations communicating. VideoCentric's value added Gold & Platinum Service Level Agreements (SLAs) allow you to choose the level of on-site involvement required in the first year and beyond.