

CLIENT OPERATION UNIT

Video Workstation

VW40



ECA-VW40 is an enterprise-class live display system with high performance display technology for Video Workstation and Video Wall purpose.

Effective surveillance is only as good as the system that can manage all the live video feeds. VW series combines superior processing ability with Tower or Rack Mount form-factor engineered to deliver outstanding display performance. The system goes further to allow efficient management and real-time analysis of surveillance systems. You can configure VW into Video Workstation for operator to use as command and control, or Video Wall client for automated multi screen display.

- Ultimate processing technology for up to 100 channel live feed.
- Hardware accelerated, GPU video processing*.
- Automatic network fail-over feature to ensure uninterrupted recording operations
- Micro controller based display system automation upon power up
- 3 simultaneous monitor display output*
- Support 4K resolutions
- Ensure peace of mind with the 3 years next business day warranty*. Optional TrueBlue Care support Pack.

VW40

Video Workstation

Storage

Dedicated Video Storage (Internal)

Two (02) internal HDDs bay for dedicated storage support
 2 x 3.5inch SATA HDDs
 One internal dedicated SSD for OS use only.

Redundant Storage System (RSS*)

2 drives mirroring
 * Powered by Microsoft® Storage Space Technology

Display

Triple Monitor Output Supported

DP 1.2 : Max resolution 4096x2304@60Hz
 HDMI : Max resolution 4096x2160@30Hz
 * support DP to HDMI adapter (to make
 3 HDMI output)

Live Display Performance (for Server Client Configuration)

Up to 96CH 25fps each channel in sub stream CIF resolution
 Note : Performance may vary depend on IP cameras integration efficiency and type of VMS use

Electrical & Dimension

Power Consumption

Line Voltage : 110 / 240V AC (auto select)
 Frequency : 50-60Hz, single phase
 Power Outputs rated : 600W (max), 80 Plus Certified
 Continuous power consumption: ~140W*
 * Platform only, not inclusive dedicated video storage HDDs.
 Please refer HDDs datasheet.

Size & Weight

Depth : 465mm
 Width : 430mm
 Height : 176mm
 Weight : 13kg / with packaging : 18kg
 Form Factor : 4U Rack Mount or Tower (inclusive)

Service & Warranty

3* years extended hardware warranty
 3* years carry-in next business day parts replacement
 * with optional TrueBlue™ Care Support Pack
 (Default system warranty is 1 year only)
 Purchase the TrueBlue™ Support Pack to extend your warranty to three years and TrueBlue™ Professional for "machine failed" onsite support from your purchase date.
 Carry-in support centre at TrueBlue CC
 @ IOI Boulevard, Puchong, Selangor D.E. Malaysia



Hardware Platform (ECA 4)

Networking & Audio

Redundant Fail-over. Dual LAN (RJ45 connector)
 10/100/1000 Base-T Gigabit Ethernet
 Audio line out jack, 3.5mm (Green) /HDMI/DP
 Digital Audio Support

Heartbeat

Micro controller for system auto healing and monitoring.
 Digital I/O. connectable to CMS Alarm. 12-hour self sustain with built-in lithium polymer battery.

Processor & Memory

Intel Core i5 Six-core 6 threads processor
 16GB non-ECC system memory, 2666MHz DDR4

Security Key

128-bit blow-fish encryption.
 Paired uniquely for each machine.
 For system authentication, save settings and system recovery

Software Built-in (ECAOS 5)

Operating System (OS)

Triple Layer eca-OS version 5. 64bits OS architecture.
 OS core engine powered by Microsoft® Windows 10 Enterprise.

System Monitoring Software

Guardian software watchdog for NVR, which monitors application and general system health.