

CUC 7-40, X-88 & X-88 series

Video wall controller solutions



CUC series

POWERFUL WALL CONTROLLER

EyeVisual's nine and eleven slot video wall controllers have been designed for environments that demand high performance and reliability. The CUC 7-40 and X-88 series systems provide solutions for mission control rooms, defence installations, logistic operations, security suites and many other command and control applications.

The CUC range has been developed to support EyeVisual's world class VIS capture, IMG output graphics and EVH264 decoding cards. This allows physical and IP video sources to be displayed on medium and large scale video walls. Operators have the freedom to see any source on single screen or multiple screen layouts.

Each system in the range of CUCs is available with Windows® 10 to ensure the highest performance available.

EXCELLENT INTEL® PROCESSING

The CUC range of industrial PCs include either a nine or 11 slot PCIe backplane.

The switched fabric technology provides high bandwidth Gen3 PCIe slots. Each slot is capable of delivering high resolution bandwidth from a range of capture cards to multiple outputs.

The CUC range is highly customisable. Systems are available with a 7th generation Intel® Core i7 or high performance dual E5 Xeon processors.

Systems are available with either 240GB or 480GB SSD drives and up to 128GB of memory.

In order to maximise airflow, the 4U chassis has been custom designed to allow more air into the system. This keeps temperatures low and reduces fan noise.

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 **EyeVisual**
since 2009

Advanced graphics display technology

CUC SYSTEMS

The CUC systems are available with Windows 10 in the following variants:

1. CUC 7-40 - nine slot system with an Intel® Core i7 processor, 32GB of RAM and dual 240GB SSD drives. The CUC 7-40 comes with RPSU power option as standard.
2. CUC X-88 - 11 slot system with dual Xeon processors, 64GB of RAM, dual 240GB SSD drives and an RPSU power supply.
- 3.



SPECIFICATION

MOTHERBOARD

CUC 7-40

Portwell ROBO8113-Q170

CUC X-88

Advantech PCE-9228G2

PROCESSOR

CUC 7-40

7th generation Intel® Core i7
Clock speed 3.6 GHz. 8MB cache

CUC X-88

Dual E5 Xeon (E5-2618L v3)

MEMORY

CUC 7-40

32GB (Maximum)

CUC X-88

64GB (128GB Optional Upgrade)

Ethernet

Dual 10Base-T/ 100Base-TX/
1000BaseT

On-board Graphics

DVI for CUC 7-40

VGA for CUC X-88

RS232

For control

DISK STORAGE

Hot swappable SSD

2 x 240GB (RAID 1)

Upgrade option: 2 x 480GB SSD

RELIABILITY

EyeVisual's CUC video wall controllers have been designed for use in demanding control room environments. Each component has been rigorously tested to ensure high levels of performance and reliability. For added peace of mind, systems can be pre-installed with Wall Monitor software.

Wall Monitor is an application that warns operators if a system begins to function outside of normal parameters. Alarms can be set to indicate changes in voltage and temperature.

COMPATIBILITY

The EyeVisual CUC 7-40 and X-88 series wall controllers are compatible with Windows 10 LTSB operating system².

MODELS AVAILABLE

Order Code: CUC 7-40-RPSU

Order Code: CUC X-88-RPSU

Upgrade options are shown in the below table.

CONNECTIVITY

USB

2 x 3.0 (back panel)

6 x 2.0 (2 front, 2 back, 2 internal¹)

BACKPLANE

Features

3rd generation PCIe switched fabric with

1 slot x8 - 8GB/s uplink and downlink
8 slot x4 - 4GB/s uplink and downlink or

11 slot x8 - 8GB/s uplink and downlink

POWER

CUC 7-40

600 Watt Hot swappable RPSU

CUC X-88

800 Watt Hot swappable RPSU

OPERATING TEMPERATURE

0 °C to 35 °C / 32 °F to 95 °F

STORAGE TEMPERATURE

-20 °C to 70 °C / -4 °F to 158 °F

RELATIVE HUMIDITY

5% to 90% non-condensing

NOISE

48.6dB (A) up to 67.9dB (A)

Dependent on system config & ambient temp

DIMENSIONS

Size

500mm (l) x 175mm (h)

x 482.1mm (w)

Weight

19kg - 25kg (shipped 30kg - 33kg)

COMPLIANCE

CE / RoHS / UL

¹ Internal ports for security dongles.

² EyeVisual systems are not compatible with Windows 10 Home edition.

All products are shipped with the latest software versions, unless stated otherwise. The specification stated is a minimum only. Higher specification systems may be provided without prior notice. Special requirements may be organised by contacting our Sales team.

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