

# CEM Systems

Data Sheet

## AC2000 client workstation Personal computer

### Key Features

- Software only or factory installed hardware options
- Hosted on WIN 10 PC
- WIN 10 peripheral drivers supported
- Multiple monitor capability

Each AC2000 access control system will need at least one client PC. A choice of AC2000 client application software licences only, or a factory configured client personal computer with AC2000 preinstalled is available.

AC2000 system workstations are used by System Administrators to configure the system policies and devices, and by System Operators to monitor alarms, events and other system user operations.

In addition to AC2000 client PC applications a number of AC2000 WEB applications are also supported by the system. Refer to AC2000 system more information on web-based browser applications.

### Licensed software

Both AC2000 software only and factory installed PC hardware versions are shipped with the original CEM Systems AC2000 installation disks and/or USB drives.

### Client PC operating system

Microsoft Windows 10 based (32bit & 64bit) operator workstations present the ACS system user with a familiar, easy to use windows based software interface via the AC2000 workstation application suite.

### User Options

Detailed attention to AC2000 User Options will control workstation operator access to AC2000 operational and administrative tasks, as well as other checkpoints such view, edit or insert data permissions etc.

In addition to AC2000 workstation application suite, AC2000 features several browser-based WEB tools and applications, also controlled by user options settings. An AC2000 client licence is not required to logon to enabled headend AC2000 web applications via a web browser application.

AC2000 system data is not kept locally on the client PC.

### AC2000 Workstation peripherals

#### USB webcam

USB HD webcam can be used to capture personnel photo

#### Suprema USB Biomini

Support added for the Suprema USB BioMini Plus 2 device which is FBI certified. The USB option provides fingerprint capture only as a workstation peripheral for personnel enrolment.

#### USB Smartcard encoder/validation reader

An option to validate/read CSN or PID from a pre-programmed AES cards.

#### USB Smartcard validation reader

Mifare CSN / CEM DESFire / HID iClass

#### Miscellaneous

support for TWAIN devices e.g. camera, scanner & Document Import devices can also be utilised.

## Factory configured minimum PC specification

Workstation	Tower
Processor	1 x Intel(R) Core(TM) i5-10500 (6 Cores/12MB/12T/3.1GHz to 4.5GHz/65W)
Memory	1 x 8GB (1x8GB) DDR4 non-ECC Memory
Storage	1 x M.2 256GB PCIe NVMe Class 35 Solid State Drive
Controller	-
Graphic Card	Intel Integrated UHD Graphics 630
Backup	Recommended: USB stick or DVD RW
Optical Drive	8x DVD+/-RW 9.5mm Optical Disk Drive
Operating System	Windows 10 Pro (64 Bit)
Network	1 x RJ-45 port 10/100/1000 Mbps
Chassis	H: 324.30 mm (12.77 in.) W: 154.00 mm (6.06 in.) D: 292.20 mm (11.50 in.)
PSU	1 x 260W up to 85% efficient Power Supply (80Plus Bronze)
Monitor	22" LED-backlit LCD monitor Monitor, black, incl. Power Cord 250V 2M Supplied with mouse and UK keyboard.

## CEM part numbers

Description	CEM part number
Latest spec PC & LCD Monitor with AC2000 workstation licence (SWA2WS-P) installed	SYS/004/008
Latest Spec PC & LCD Monitor with AC2000 Security Hub (with Maps Utility configured)	SYS/004/009
Latest spec PC & LCD Monitor with AC2000 and VIPPS Software (SWVIPPSG) installed	SYS/004/007
AC2000 Client Workstation Software-only Licence	SWA2WS-P

## Minimum requirements

All AC2000 client application software must be same AC2000 software release version as headend AC2000 server.

CEM client workstation options are compatible with core versions of AC2000, Lite, Enterprise and Airport editions. Additional software module and integration licences may be required.

## About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

For additional information, please visit [www.cemsys.com](http://www.cemsys.com) or follow CEM Systems on LinkedIn and Twitter.