Advanced

Axis AX

Color Graphics Package

Alarm displays should be easy to read and understand. CAd-VIEW Graphics software provides a simplified interface to help facility managers, guard staff, and emergency responders assess alarm situations.

CAd-VIEW Graphics software can be installed on any Windows-based platforms. Utilizing a workgroup environment, multiple users can share access from their own desktop computers. CAd-VIEW Graphics software is easy to install on most readily available PC's, laptop's, flat-panel and touch screen computers. Basic system requirements:

Windows-based environment	Minimum 2GB RAM
Minimum 1GB hard drive	RS232 interface port
TCP/IP serial server	XGA or WXGA video

17" or 19" monitor



Features

- Windows Based Graphics Program
- Touch Screen Option
- Color Coded Real-Time Status Indicators
- Built-in Event Prioritizing
- AutoCAD Compatible
- Selectable "Take Action" Instructions
- One-Touch Event Re-Trace (Next/Previous)
- Any Number of Backgrounds (Floors)
- Optional Email Notification
- Simplistic Operation
- Optional Touch Screen
- Hi-res Screen Formats
- Field Configurable/Programmable
- Zoom In/Zoom Out Features w/Device Focus

Order Codes and Options

CAd-VIEW1	Licensed Package up to 126 Analog/Addressable Points
CAd-VIEW2	Licensed Package up to 252 Analog/Addressable Points
CAd-VIEW3	Licensed Package up to 504 Analog/Addressable Points
CAd-VIEW4	Licensed Package up to 1008 Analog/Addressable Points
CAd-VIEW5	Licensed Package > 1008 Analog/Addressable Points

Advanced, The Bridges, Balliol Business Park, Newcastle upon Tyne, NE12 8EW, UK T: +44 (0)345 894 7000 E: enquiries@advancedco.com
W: www.advancedco.com

As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.

Advanced

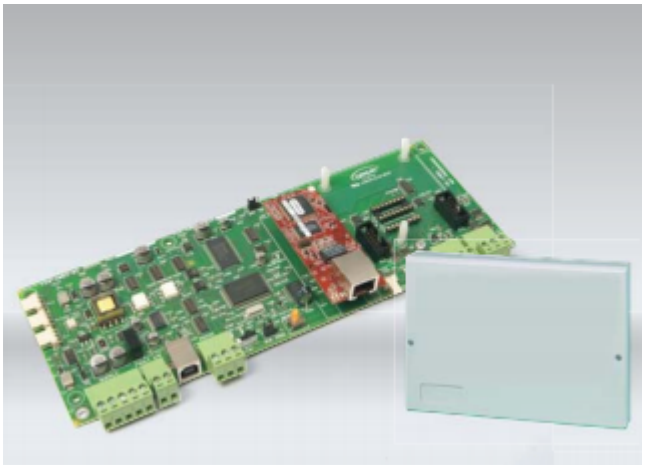
Axis AX

BMS / Graphics Interface

Providing superior monitoring and control in a remote location, via a serial RS-232 interface, the Advanced BMS/Graphics Interface (CAX-BMS) provides building management system or color graphics package interfacing to a single Axis AX Series Intelligent Fire Alarm Control Panel or to a complete Axis AX Series peer-to-peer network (AD-NeT-PluS) installation.

The BMS/Graphics Interface (CAX-BMS) consists of the CAX-BMS PCB and an enclosure. It consumes one node address on an AD-NeT-PluS network, and can be utilized on either the Advanced Style 4 or Style 7 fault tolerant peer-to-peer network.

The state of each network node and the status of individual devices (such as analog values of intelligent smoke detectors) of an AD-NeT-PluS network can be sent to the building management system or color graphics package at any time in a user-friendly, clear and concise manner. In addition, at any time control and view requests can be sent to the CAX-BMS interface device.



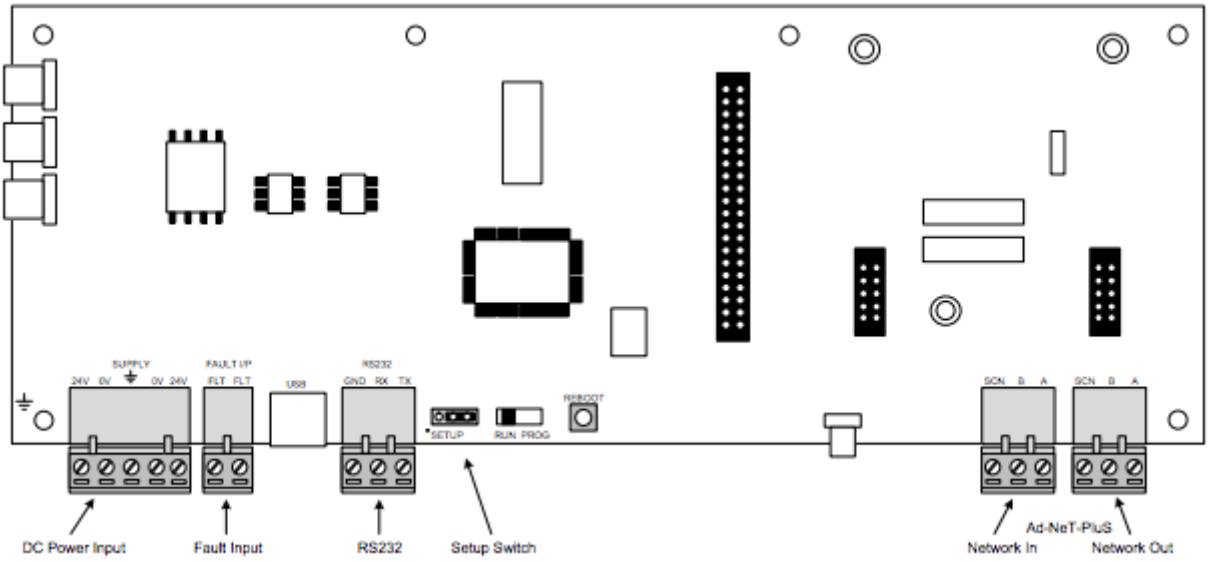
Features

- One-Way / Two-Way Interface to AD-NeT-PluS
- Adjustable Baud Rate Interface
- Power Supply Contact Monitoring Input
- Uncomplicated and Simplistic Installation
- Ad-VIEW Graphics Interface
- AD-NeT-PluS Network Module
- Style 4 (Class B) and Style 7 (Class A) Versions
- Sector Base/Building Partition Programming
- Easy Configuration via PC-NeT

Listings and Approvals

- CAN/ULC-S527-11 & CAN/ULC-S559-04 Listed: 100780709NYM-001

Wiring Diagram



Specification

Operating Voltage	18 - 28 VDC
Operating Current (AX-NET4 & 7) CAX-BMS (Style 4 network) CAX-BMS/ST7 (Style 7 network)	 70 mA 110mA
Environment	Indoor, Dry
Operating Temperature	32-120ºF (0-48ºC)
Humidity	10-95% (non-condensing)
Enclosure Dimensions Knockouts	 8 3/8“ H x 11 3/4“ W x 1 5/8” D 4 top, 4 bottom rear
Weight (PCB & enclosure)	4.5 lb
Wiring	Twisted pair 18 - 20 AWG minimum. Recommended Twisted Shielded (Belden 8760, 8762)
Serial Interface	Isolated RS-232 w/Adjustable Baud Rate
Fault Input	Remote Power Supply Monitoring Input
Indications	Microprocessor Heartbeat. Network Transmit/Receive

Order Codes and Options

CAX-BMS	BMS/Graphics Interface Style 4 w/enclosure
CAX-BMS/ST7	BMS/Graphics Interface Style 7 w/enclosure
CAX-BMS-PCB	BMS/Graphics Interface PCB
CAX-BMS-CAB	BMS/Graphics Interface enclosure

Advanced, The Bridges, Balliol Business Park, Newcastle upon Tyne, NE12 8EW, UK T: +44 (0)345 894 7000 E: enquiries@advancedco.com
W: www.advancedco.com

As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.

Axis AX

LCD Displays

The Advanced UL-LCDW19 and UL-LCDW22 wide screen LCD displays are UL864/ULC-S527 Listed, high resolution displays that are fully compatible with the Advanced ULPC-RACK PC. The UL-LCDW19 and UL-LCDW22 are small, light, compact units that can be ordered with or without a touch screen option and may be supplied in rack mount configurations.

The ULPC-RACK PC is ideal for applications requiring PC based fi re graphics annunciation and control, and is ideally suited for proprietary applications. The PCs come pre-loaded from the factory with the Advanced Ad-VIEW graphics package. Customization of graphic images and system wide controls is made simple with the Ad-VIEW package. Interface to an Axis AX Series Intelligent Fire Alarm Control Panel and/or network, is through an AX-BMS module, which interfaces to the Axis AX Series Ad-Net-Plus fire network. All nodes on the network (up to 200) communicate status and system event information back through the AX-BMS module to the PC. All communications circuitry is fault tolerant.



Features

- 19” and 22” LCD Wide Screen Displays
- Up to 1680 x 1050 WSXGA Resolution
- More than 16.2 Million Colors
- Touch Screen Option
- Rack Mount Option
- Thin Frame Bezel
- Small Footprint
- Black Frame and Stand
- Built-in Speakers

Listings and Approvals

- UL 864 Listed: file UOXX2.S7066
- ULC-S527 Listed

Specification

LCD Screen	19” Wide Screen	22” Wide Screen
Resolution	1440 x 900 WXGA	1680 x 1050 WSGA
Brightness (typical)	300 cd/m2	300 cd/m2
Viewing Angle Left/Right Up/Down	 -85°/+85° (CR>10) -80°/+80° (CR>10)	 -85°/+85° (CR>10) -80°/+80° (CR>10)
Colors	More than 16.7 million	More than 16.7 million
Contrast Ratio	1000:1 (typical)	700:1
Touchscreen (optional)	Capacitive	Capacitive
VESA Mount (Standard)	75/75mm	75/75mm
Dimensions w/stand	17.4”w x 15.6”h x 8”d (441.96mm x 396.24mm x 203.2mm)	20.2”w x 15.9”h x 8.7”d (513.08mm x 403.86mm x 221.8mm)
With Touchscreen	17.4”w x 13.5”h x 7”d (441.96mm x 342.9mm x 177.8mm)	20.2”w x 15.9”h x 8.7”d (513.08mm x 403.86mm x 221.8mm)
Weight	14.3 lbs. (6.5 kg) without touchscreen (15.3 lbs. (6.9 kg) with touchscreen and base)	14.3 lbs. (6.5 kg) without touchscreen (15.3 lbs. (6.9 kg) with touchscreen and base)
Color	Black	Black
Input Signal	VGA - D-Sub 15 Pin & DVI-Connector	VGA - D-Sub 15 Pin & DVI-Connector
Power Supply Input	120 VAC to DC Power Brick	120 VAC to DC Power Brick
Power Consumption (max)	48 Watts Typical	48 Watts Typical
Current Rating	5A (with Audio)	5A (with Audio)
Speaker	(2) Multimedia, Built-In, 2 Watt	(2) Multimedia, Built-In, 2 Watt

Order Codes and Options

UL-LCDW19	Wide Screen LCD, 19”, 1440 x 900 WSXGA
UL-LCDW22	Wide Screen LCD, 22”, 1680 x 1050 WSXGA

Advanced, The Bridges, Balliol Business Park, Newcastle upon Tyne, NE12 8EW, UK T: +44 (0)345 894 7000 E: enquiries@advancedco.com
W: www.advancedco.com

As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.

Axis AX

19” LCD Display

The Advanced UL-LCD19, is a UL864/ULC-S527 listed, high resolution, 19 inch LCD display that is fully compatible with the Advanced ULPC-RACK PC. The UL-LCD19 is a small, light, compact unit that can be ordered with or without touch screen option and may be supplied in an 8U rack mount option.

The ULPC-RACK PC is ideal for applications requiring PC based fire graphics annunciation and control, and is ideally suited for proprietary applications. The PCs come pre-loaded from the factory with the Advanced Ad-VIEW graphics package. Customization of graphic images and system wide controls is made simple with the Ad-VIEW package. Interface to an Axis AX Series Intelligent Fire Alarm Control Panel and/or network is through an AX-BMS Module. All nodes on the network (up to 200) communicate status and system event information back through the AX-BMS Module to the PC. All communications circuitry is fault tolerant



Features

- 19” LCD Display
- 1280 x 1024 Resolution
- 16.2 Million Colors
- Touch Screen Option
- 8U Rack Mount Option
- Thin Frame Bezel
- Small Footprint
- Black Frame and Stand
- (2) 2 Watt Speakers

Listings and Approvals

- UL 864 Listed: file UOXX2.S7066
- ULC-S527 Listed

Specification

Active Area	14.8” x 11.85” (376mm x 301mm)
Resolution	1280 x 1024
Brightness (typical)	270 cd/m2
Viewing Angle Horizontal Vertical	 80L/80R (CR>5) 80U/70D (CR>5)
Colors	16.2 million
Contrast Ratio	700:1
Touchscreen (Optional)	Capacitive, USB/Serial
Dimensions w/stand (W x H x D) VESA Mount Without Base With Touchscreen Without Touchscreen	 Standard 100mm x 100mm 16.73” x 16.25” x 2.36” (425mm x 347mm x 60mm) 16.73” x 15.75” x 8” (425mm x 400mm x 203.2mm) 16.73” x 16.3” x 9.44” (425mm x 414mm x 240mm)
Weight	14.3 lbs. without touchscreen (Standard Base), 15.3 lbs. with touchscreen and base, 15.5 lbs. with 8U Rackmount Bracket
Color	Black
Input Signal	DVI-D & VGA 15 pin D-Sub
Power Supply Input	AC 120V @ 60Hz
Power Consumption (maximum)	30 Watts

Order Codes and Options

UL-LCD19	LCD, 19”, 1280 x 1024, UL 864

Advanced, The Bridges, Balliol Business Park, Newcastle upon Tyne, NE12 8EW, UK T: +44 (0)345 894 7000 E: enquiries@advancedco.com
W: www.advancedco.com

As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.

Advanced

Axis AX

UL Listed 19” Rack Mount PC

The Advanced ULPC-RACK, is a UL864 9th Edition listed 19 inch rack mounted PC that is ideal for applications requiring PC based fire graphics annunciation and control, ideally suited for proprietary applications. The PC’s come pre-loaded from the factory with the Advanced Ad-VIEW graphics package. Customization of graphic images and system wide controls is made simple with the Ad-VIEW package.

Interface to an Axis AX Series Intelligent Fire Alarm Control Panel and/or network is through an AX-BMS module, which interfaces to the Axis AX Series Ad-NetPlus fire network. All nodes on the network (up to 200) communicate status and system event information back through the AX-BMS module to the PC. All communications circuitry is fault tolerant.

For added security, the front panel door comes with a keylock which protects the power switch. Special attention has been given in the design to enhanced shock and vibration protection, making the ULPC-RACK robust against abnormal environmental disturbance. MTBF rating is a minimum of 100,000 hours at 25 degrees Centigrade/70 degrees Fahrenheit.

LCD touch sensitive screen options include both 19” and 19/22” widescreen options. A 10 slot passive PICMG backplane supports a number of option modules to further customize the PC.



Features

- 19” Rack Compatible
- Compact 4U Height
- Metal Enclosure w/Lockable Door
- Enhanced Shock/Vibration Protection
- 17” or 19” Adaptable LCD w/Touch Screen
- 300W ATX Power Supply
- Replaceable Air Filters
- Dual Cooling Fans
- (2) USB Ports

Listings and Approvals

- UL 864 Listed: file UOXX2.S7066
- ULC-S527 Listed

Specification

Construction	Heavy-Duty Steel with Aluminum Front Pane
Air Filter	(1) Replaceable Filter
Cooling Fan	(1) 12 cm (86.5 cfm) and (1) 8 cm (35.3 cfm) Ball-Bearing Cooling Fan
Disk Drives	(3) 5¼" and (2) 3½" Drive Bays (One for Internal HDD)
Color	Black
Dimensions	19"W x 17.7"D x 7"H (482 x 450 x 177mm)
Weight	39 lbs. (17.5kg)
Operating Temperature	0 - 50°C (32 - 122°F)
Storage Temperature	0 - 70°C (32 - 158°F)
RHNC	5 - 95%
Vibration	1.5G, 3 Axis, 10 - 15Hz, .75cm
Shock	10G, 3 Axis, 11ms
Maximum Output	300W
Output Voltage	+5V and +3.3V total output not exceed 120W +3.3 @ 10/20A +5 @ 10/20A +12 @ 14A -12 @ .8A +5VSB @ 2A
Input Voltage	115/230
Input Frequency	47Hz - 63Hz
Input Current	9.0 Amps @ 115VAC , 60Hz
Efficiency	70%
MTBF	Minimum 100,000 Hours at 25°C (70°F)
Safety	UL/ULC/CSA/TUV/FCC/IEC
Processor	P4 up to 2.8GHz, Core 2 Duo up to 2.33GHz
Options Ordered Separately	Quad Serial RS232/422/485 PCI Card Optically Isolated Dual/Quad RS232 Serial PCI Card 256 MB Dual Video Card SATA Raid 1 Controller Dual SATA Hard Drives (Up to 320GB) Capacitive Touchscreen Serial or USB TS Controllers 19", 19" and 22" Widescreen
Certifi cation	FCC, UL864 9th Edition

Order Codes and Options

ULPC-RACK	UL Listed Desktop PC

Advanced, The Bridges, Balliol Business Park, Newcastle upon Tyne, NE12 8EW, UK T: +44 (0)345 894 7000 E: enquiries@advancedco.com
W: www.advancedco.com

As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.

Advanced

Axis AX

UL Listed 19” Desktop PC

The Advanced ULPC-STD, is a UL864 9th Edition Listed All-In-One desktop PC that is ideal for applications requiring PC based fire graphics annunciation and control, ideally suited for proprietary applications. Power to the PC can be either DC (9-32 Volts) or AC (115-230 Volts). This small, compact PC comes standard with built-in 2 watt speakers, unidirectional microphone, handset, 19 inch touch sensitive display and is ultra-quiet due to being fanless.

The PC’s come pre-loaded from the factory with the Advanced Ad-VIEW graphics package. Customization of graphic images and system wide controls is made simple with the Ad-VIEW package. Interface to an Axis AX Series Intelligent Fire Alarm Control Panel and/ or network is through an AX-BMS module, which interfaces to the Axis AX Series Ad-Net-Plus fire network. All nodes on the network (up to 200) communicate status and system event information back through the AX-BMS module to the PC. All communications circuitry is fault tolerant.



Features

- All-In-One Fanless Computer
- 19” LCD Touch Screen Display
- Lightweight Aluminum Construction
- Built-in 2 Watt Speakers
- Unidirectional Microphone
- 9-32 VDC/115-230VAC Optional
- 1280 x 1024 Resolution - 16.7 Million Colors
- Core 2 Duo Processor
- 2 1/2” - 80GB Hard Drive
- (1) RS232 COMM Port
- (4) USB 2.0 Ports
- (1) PCI Slot, 32 Bit

Listings and Approvals

- UL 864 Listed: file UOXX2.S7066
- ULC-S527 Listed

Specification

Viewable Screen Size	19” Diagonal LCD Display (378 x 304mm)
Panel Type	TFT Active Matrix
Maximum Resolution	1280 x 1024
Brightness	250 cd/m2
Viewing Angle	±85° Horizontal, ±80° Vertical
Light Source	CCFL; 50,000 Hrs . Life
Frequency	Horizontal 31 - 80 KHz, Vertical 56 - 77 Hz
Colors	16.7 Million
Contrast Ratio	1000:1
Touchscreen	Surface Acoustic Wave
Size (W x H x D) With Stand Without Stand	 17.8” x 16.9” x 8.7”, (452.12 x 429.26 x 220.9mm) 17.8” x 14.667” x 4.6”, (452.12 x 372.5 x 116.84mm)
Weight	15.5 lbs
Material	5052 Aluminum
Finish	Epoxy Powder Coat/Polyurethane
Colour	Black - Fine Texture
Humidity	10% to 90% RH
Temperature	0° to 50°C
Voltage	24 VDC / 120 VAC* (Optional)
Current	3A @ 24 VDC / .6A @ 115 VAC* (Optional)
Power Consumption	72 Watts Maximum / 80 Watts Maximum
I/O Ports	KB, MS - PS/2 DIN (4) USB - Standard USB-A, (1) Side Mount (1) COM - DB9P, (1) COM - DB9P (Optional) (2) LAN - Standard RJ45 (1) Digital I/O (Optional) (1) LPT Port (Optional)
Sound	Line In, Out, Stereo Jacks
Speakers	Dual Stereo 2 watt Amplified
Processor	Core 2 Duo - Intel GME965 - Socket P
CPU	Up to 2.2 GHz
FSB	800 MHz
Memory	Up to 4GB Main Memory, DDR 2 667 MHz
Video	Integrated X3100 Graphics Media Accelerator
Sound	High Definition Audio 7.1 Channels
LAN	(2) Gigabit Ethernet Ports
Expansion	(1) PCI Slot (Optional)
Disk	(1) 2.5” HD and (1) CF Disk up to 8 GB
Certification	FCC, UL, CUL, CE, UL864 9th Edition, ULC S527

Order codes and Options

ULPC-STD	UL Listed Desktop PC

Advanced, The Bridges, Balliol Business Park, Newcastle upon Tyne, NE12 8EW, UK T: +44 (0)345 894 7000 E: enquiries@advancedco.com
W: www.advancedco.com

As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.