cue

PRODUCT OVERVIEW

About CUE

More than 25 years CUE designs, manufactures and markets IP-based integration systems with beautiful control panels that enhance lifestyle, work-style, entertainment and communication. CUE technology is designed to bring prestige, usability and enjoyment to consumers. CUE provides the essential enabling hardware and software for a wide variety of solutions. CUE solutions include residential, corporate, educational, industrial and government applications. CUE has offices in Europe, Asia and the USA with a network of worldwide distribution.

CUE manufactures a wide range of wired and wireless control panels, including beautifully styled touch screen panels, architecturally stunning wall mounted button panels, as well as classically crafted hand held remotes.

CUE offers software applications which enable to use any Apple iOS, Android and MS Windows device as a Cue System control panel.

CUE saves implementer's time and money with powerful, professional, yet easy to use Cue Visual Composer creation tool. This allows drag & drop software authoring with a vast library of graphic objects and equipment drivers.

CUE provides the hardware-link between multi-vendor home theatre, multimedia, videoconferencing, security, HVAC and other equipment. CUE has an expanding range of interfaces including IP, RS-232/422/485, KNX, DMX512, DALI, EnOcean, dry-contact-relay closure, IR emulation and transmission, general I/O, analog to digital signal conversion and voltage ramp output to name a few.

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Home & Residential

REMOTE ACCESS TO ALL HOME SYSTEMS

You can access your home remotely via Internet, cloud or SMS text messages. Your home web site will enable you to monitor the current state of your house including interior and exterior temperatures, turning on the heating, recording your favourite TV programme or watering the lawn.

WINDOW DRAPES, BLACKOUTS AND WINDOW TREATMENTS

The control system can automatically manipulate window blinds according to the intensity of sunlight. This helps to regulate illumination and temperature in the room. In summer it can reduce the cost of air-conditioning in rooms subject to direct sunlight. In case of strong wind the system ensures that window blinds and awnings are retracted, protecting them from damage.

AUTOMATED ENTRYWAYS AND GATES CONTROL

The connection of gates, doors and windows to the control system facilitates the automated unlocking of doors when you come home as well as automated locking when you leave. Should you forget to close any windows, the system will remind you.

SECURITY AND MONITORING CAMERA SURVEILLANCE

Thanks to the switch panels of the control system you can also control the intruder security systems. This means you do not need a separate keyboard for the security subsystem – all you need are the switch panels of the control system. The system can thus turn on the Presence Simulation when you leave and arm, or send you a message in case of any alarm. In addition, thanks to the touch panel of the control system, you can monitor anything picked up by the security cameras mounted in your house. In this way, for instance, you can keep an eye on your children playing around the swimming pool.

PERSONALIZED SEQUENCE OF ACTIONS

The control system can automatically carry out preset actions as required by the user. For example, after you come home and disarm the security system, the control system can turn on the lights and heating and switch on background music. TV news comes on at precisely the right time. The system can also record your regular activities during the day and use this data to simulate your presence in the house during your absence, thus discouraging uninvited visitors.

MULTIZONE AUDIO & VIDEO CONTROL

With the help of the touch panel or keyboards you can play your favourite music or turn on your chosen TV or radio programme, setting the volume to the desired level. The control system can automate these procedures for you. For example, it can turn on the news in the bathroom after you get up, switch on relaxing music when you come home, etc.

LIGHTING AUTOMATION

The control system enables you to control lighting by selecting appropriate illumination levels suited for a given type of activity. If you are watching TV, for example, the system sets up all lights in the room to prevent them from disturbing the picture while maintaining adequate light levels for the room. The lighting can be changed automatically, depending on the time of the day.

HOME THEATRE CONTROL

The control system enables you to automate and simplify the operation of home audio-visual technology, eliminating the use of multiple remote controls. Pressing a single button WATCH MOVIE on your touch panel, for example, automatically switches on the TV, DVD player and the audio system. The appropriate inputs are selected, lighting in the room is set to the desired light mood and if it is sunny outside, the curtains are drawn.

HEATING, VENTILATION AND AIR-CONDITION (HVAC) CONTROL

The control of heating and air-conditioning maintains thermal comfort while at the same time reducing energy consumption and therefore, costs. It is possible to programme suitable temperature modes for various days of the week or various times of the day, and also to establish an economy mode during your vacation. Heating and air-conditioning can be controlled for each room independently.

Business & Professional

MEETING ROOMS & CONFERENCE SPACES

The Cue System offers the following benefits for meeting & conference rooms

- Trouble-free running of presentations, automated one-touch control (for example, by pressing a button labelled PRESENTATION the whole room is set up into presentation mode – the projector is turned on, the projection screen rolls out, AV inputs are switched over to the presentation computer, appropriate light conditions are established, etc.).
- Nobody is put under stress of using complex technologies – the systems offers intuitive controlling with a minimum of control features.
- With the Cue System, the operator can control the entire technical equipment in the room (audio-visual technology, projectors, monitors, DVD players, lighting, heating, air-conditioning, window blinds, etc.) on one panel.
- Lighting can be controlled by pre-set light scenes which set all lighting devices to the desired light mood, simply by pressing a single button.
- Remote control of rooms – if the operator has any problems with running the device, he or she can call the technical centre, which can set things remotely.
- Remote and automated diagnosing, allowing for timely action in servicing (for example, the Cue System sends an e-mail to the service centre indicating that a lamp in the projector needs to be replaced or a filter has to be cleaned, or sends a warning that a device is not working properly).

TRAINING ROOMS AND CLASSROOMS

In classrooms or training rooms the Cue System makes it possible to

- Simplify the operation of audio-visual equipment, lighting or HVAC.
- Carry out central supervision of all rooms in the building and administer technology in all rooms centrally (e.g. central switching off of electrical equipment at night including rooms where teachers may have forgotten to turn off some of the facilities).

MUSEUMS

The Cue System facilitates automated control of AV shows in museum expositions both by museum staff and visitors.

LECTURE HALLS

In large lecture halls, the Cue System makes it possible to

- Simplify the operation of all complex AV technologies currently in use, such as switching microphones, controlling sound systems, operating matrix switchers, video cameras and signal sources as well as running light effects – all this from one ergonomically designed touch panel.
- Distribute AV technology into several zones at venues where the lecture hall can be divided into more rooms by means of movable walls.
- Manage the distribution of audio-visual signals between several lecture halls.

GOVERNMENT AND JUSTICE

The Cue System provides one-touch equipment to control AV technology such as audio and video conference facilities, voting equipment or recording devices in conference and court rooms. It dramatically reduces the number of technical staff needed for the controlling of those devices.

HOTELS

In hotel spaces, the Cue System offers automated control of audio-visual equipment, lighting, heating, air-conditioning and other kinds of modern technology in meeting and conference rooms.

NETWORK OPERATION CENTRES (NOC)

The Cue System offers

- Automated operation of multi-screen systems.
- Automated control of distributing AV signals for visual display units.
- Controlling sources of AV signals, video cameras, recording equipment or sensors.
- Elimination of error during operation, simplified manipulation.

All home technologies joined together into a single system.
Easy control from anywhere through anything.

www.systemone.eu

- Standard basic sets for various types of heating control
- On-wall touch panel with standardized graphic user interface
- DLNA functionality, security and other home automation systems integration
- Licenses for Apple iOS, Android and MS Windows devices
- Cloud services available for remote monitoring and control

- Room units for temperature and air quality control
- Demand–controlled ventilation
- Shading and constant lighting control
- Communications based on KNX and Ethernet standards
- Designed with Siemens

systemone

HEATING
Local and remote heating control for all rooms as well as water heating.

AIR-CONDITIONING
Local and remote air-conditioning units (so called split units) control.

SECURITY, FIRE PROTECTION
Security systems integration, including smoke detectors and door and window monitoring.

WINDOW BLINDS
Manual and automated control of window blinds according to temperature and weather.

WEATHER
Latest online weather forecast integration.

ACCESS SYSTEMS
Access control to different parts of the household.

VENTILATION AND RECUPERATION
Ventilation and recuperation units with output control based on current CO_2 level.

LIGHTING
Turning on/off, dimming, scenes and constant lighting control.

MEDIA
Audio, video, TV, and DLNA support.

ENERGY AND ECOLOGY
Monitoring and control of the consumption of heat, hot and cold water, gas and electricity.

Meeting Room Management

Multilingual reservation system for boardrooms, conference & lecture rooms, auditoriums, classrooms, sports centres as well as any other meeting places.

www.touchone.eu

GENERAL

- Touch panel sizes 4.3", 7" and 12.1" diagonal
- Room entrance panel installation
- Multilingual user interface
- Simple installation and configuration
- No programming required

COMPATIBILITY

- Works as client with following systems
  - Microsoft Office 365
  - Microsoft Exchange Server®
  - Google Apps for Work [3]
- Dedicated account and calendar for each room
- Server / touch panel encrypted communication
- Standard applications, i.e. Microsoft Outlook® used for meeting room management

TOUCH PANEL FUNCTIONS

- Room name displayed
- Room occupation or availability indication
- Current meeting displayed
- Meeting details available
- Room calendar browsing
- Current meeting extension and termination
- Easy room reservation
- And many others

ROOM RESERVATIONS OVERVIEW

- Room reservation map display
- Prepared for large format display devices
- Available as touch panels extension
- Designed for reception, entrance hall or other central places

	touchONE-5-B	touchONE-7-B	touchONE-12-B
Product code	CS0493	CS0494	CS0495
Compatible servers	Microsoft Office 365 [1] Microsoft Exchange 2007 [2] Microsoft Exchange 2010 [2] Microsoft Exchange 2013 [2] Microsoft Exchange 2016 [2] Google Apps for Work [3]	Microsoft Office 365 [1] Microsoft Exchange 2007 [2] Microsoft Exchange 2010 [2] Microsoft Exchange 2013 [2] Microsoft Exchange 2016 [2] Google Apps for Work [3]	Microsoft Office 365 [1] Microsoft Exchange 2007 [2] Microsoft Exchange 2010 [2] Microsoft Exchange 2013 [2] Microsoft Exchange 2016 [2] Google Apps for Work [3]
User interface languages	Czech, English, French, German Other languages on demand	Czech, English, French, German Other languages on demand	Czech, English, French, German Other languages on demand
Display type	Color IPS LCD with LED backlit	Color a-Si TFT LCD with LED backlit	Color a-Si TFT LCD with LED backlit
Display size	4.3" (109 mm) diagonal	7" (177.8 mm) diagonal	12.1" (307.3 mm) diagonal
Resolution	800 x 480 pixels	1280 x 800 pixels	1280 x 800 pixels
Viewing angle	±80° horizontal, ±80° vertical	±80° horizontal, ±80° vertical	±80° horizontal, ±80° vertical
Touch overlay	Projected capacitive, edge-to edge glass	Projected capacitive, edge-to edge glass	Projected capacitive, edge-to edge glass
Sensors	Light and proximity	Light and proximity	Light and proximity
Network	Wired 10/100 BaseT Ethernet	Wired 10/100 BaseT Ethernet	Wired 10/100 BaseT Ethernet
Power supply	PoE, IEEE 802.3af / Class 0	PoE, IEEE 802.3af / Class 0	PoE+, IEEE 802.3at / Class 4
Enclosure	Aluminum, glass, Protection IP30 Compatible with standard electrical wall box	Aluminum, glass Protection IP30 Compatible with standard electrical wall box	Aluminum, glass Protection IP30 Compatible with standard electrical wall box
Dimensions	136 x 81 x 37 mm	199 x 120 x 39 mm	320 x 200 x 47 mm
Weight	0.3 kg	0.6 kg	2.0 kg
Included accessories	PoE power supply, Ethernet cable, Wall mounting adapter	PoE power supply, Ethernet cable, Wall mounting adapter	PoE+ power supply, Ethernet cable, Wall mounting adapter
Mounting	Recommended height 150 cm	Recommended height 150 cm	Recommended height 150 cm

[1] Microsoft Office 365 subscription is not a part of delivery.
[2] Microsoft Exchange Server® is not a part of delivery.
[3] Request availability. Google Apps for Work subscription is not a part of delivery.

Cloud-based Management

New solution for easy, fast and efficient site management.
Suitable for home & residential as well as for business or professional applications.

my.cuesystem.com

GENERAL
- Simple, flexible and secure on-demand cloud solution
- Available through standard Internet-enabled devices
- No public IP address required for site
- Secure communication
- 24/7/365 availability

USER ACCOUNTS
- Available for all users
- Easy access with just e-mail & password
- Simple site creation and deletion
- User friendly site management
- Software license management

SITE MANAGEMENT
- Site = Cue System installation
- Site has unique identification but can have friendly name
- Site details: description, street, city, state, country, post code, picture, etc.
- Site administration sharing
- Software projects and licenses

SOFTWARE PROJECTS
- Automated site project upgrade (without personal presence)
- Costs reduction and upgrade acceleration
- Project upgrade scheduling
- Cue Visual Composer project programming
- Project upload to cloud

FIRMWARE MANAGEMENT
- Automated firmware upgrade (without personal presence)
- The latest firmware version guaranteed
- Costs effective firmware upgrade acceleration
- Firmware upgrade scheduling available
- Newest firmware versions regularly managed by manufacturer

Computers

Cue S

heating

access control

security

air-condition

locks

ventilation
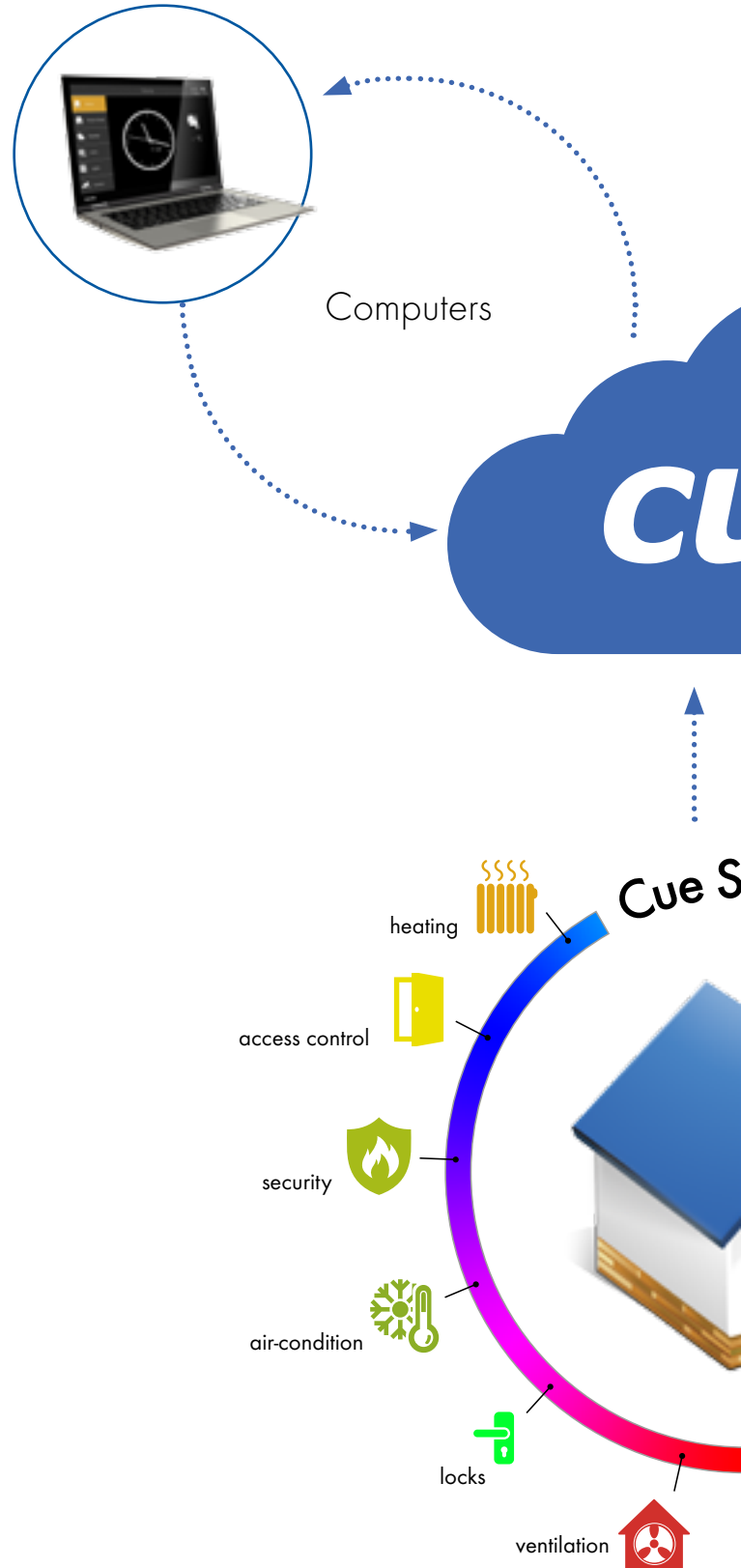
Access your Cue System from anywhere.
This cloud-based solution saves time, money, effor and makes your life enjoyable.

my.cuesystem.com

Mobile devices

ue

ystem

audio

lights

video

surveillance

energy

shading
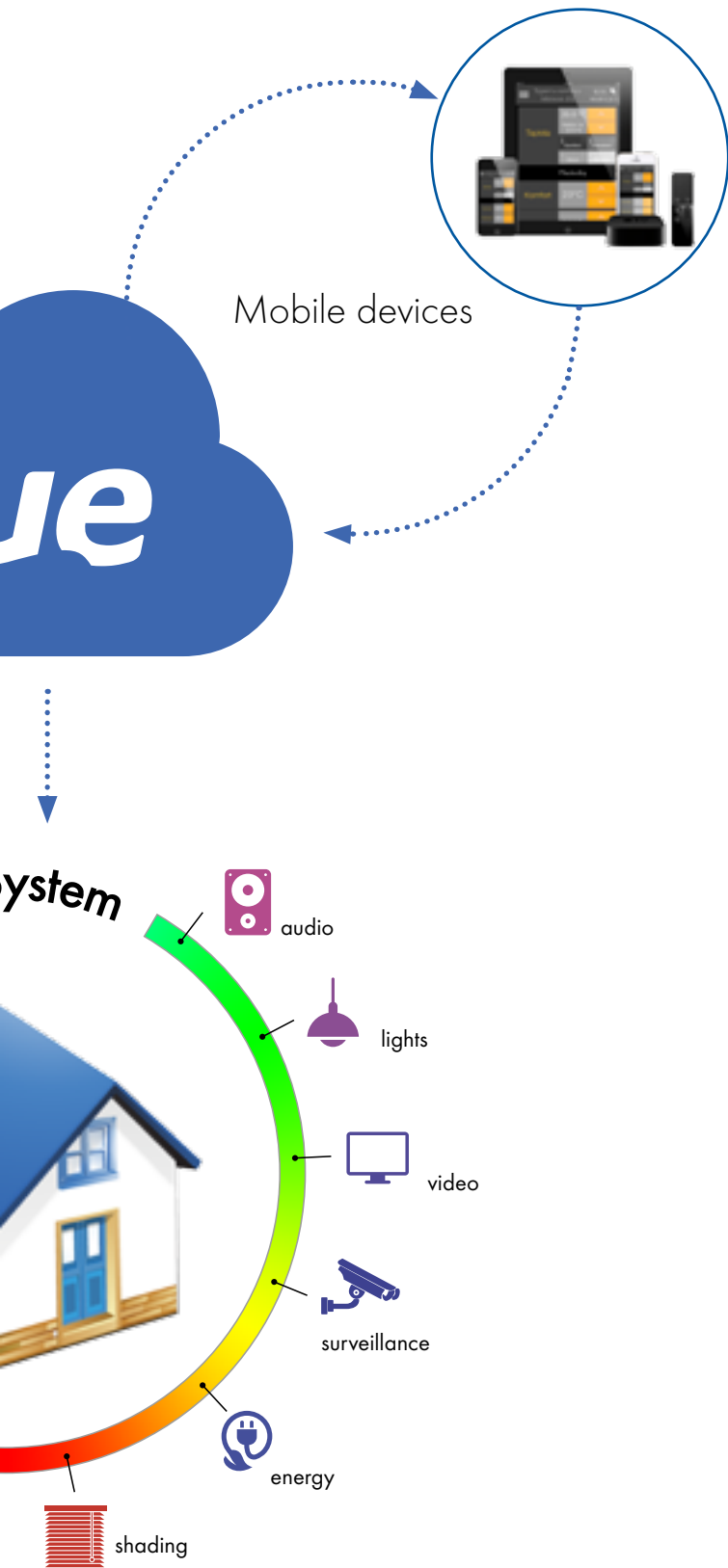
WEB USER INTERFACE
- Web based interface for simple and easy monitoring and control
- Typical for site mode (day, night, vacation), heating, energy, security, etc.
- Accessed from any device via Internet browser
- Site communication in open-source data format, e.g. JSON
- Modules for site programming available

MOBILE APPLICATIONS
- Applications for mobile devices and PCs available on cloud
- Free appCUE for Apple iOS, Android or MS Windows required
- Easy and intuitive application setup
- Simple access from any Internet connected device
- Software license available on the cloud

SOFTWARE FLOATING LICENSES
- Tool for license registration
- Flexible licenses management
- License transfer available between users and sites
- In most cases used for appCUE
- Floating licenses available for authorized users

SITE MONITOR
- Available anywhere with Internet-enabled mobile device or PC
- Real-time site data
- Typical for site mode (day, night, vacation), heating, ventilation, energy, security, locks, doors, gates, etc.
- Standardized or customized user interface for appCUE

SITE CONTROL
- Site control from anywhere with Internet-enabled mobile device or PC
- Typical for site mode setting (day, night, vacation), heating, ventilation, security, locks, doors, gates, lights, etc.
- Remote preset activation of multiple devices
- Standardized or customized user interface for appCUE

OVERVIEW

Cue Visual Composer (CVC) is a new generation All-In-One software for control application programming. CVC is innovative mainly due to its unique concept. Touch panels and controllers are programmed in the same way, which makes it possible to use touch panels as fully functional control units. One universal programming language XPL^2 allows to program graphical objects, touch panel layouts, device drivers and other parts of control application. Effective programming is achieved by visual programming approach with drag and drop, advanced editing technique IntelliSense, export and import of ready to use pieces of program and more. Application language localization and Unicode character support are inherent parts of CVC, so it does not require any programming effort. Any part of source code can be protected by a password to protect the author's intellectual property and also can be licensed to a specific hardware. Control application runs on CUE touch panels, controllers, Apple iOS devices, Android devices and on Microsoft Windows computers.

XPL^2 PROGRAMMING LANGUAGE

Cue Visual Composer thus becomes an open platform for a large group of application programmers and makes an important contribution to the development of modern graphical user interfaces. The XPL^2 programming language itself is tailored to the needs of control systems used to integrate various technologies. It includes a complete set of powerful commands that enable system integrators to achieve an effective, robust and easily maintainable code.

PREPROGRAMMED BUILDING BLOCKS

Preprogrammed Building Blocks dramatically increase productivity in the preparation of control applications using Cue Visual Composer.
Currently CVC offers following types:

- Graphic Collection is a set of ready to use graphic objects which allows to prepare touch panel graphical interface.
- Device Driver is a part of XPL^2 code which communicates with controlled device.
- Applet is a part of program that performs specific task and it runs within the context of a larger program. For example Sunrise/Sunset Timer, Simple Scheduler.
- Widget is a small full functional application that can be inserted into Cue Visual Composer project.

GRAPHIC OBJECTS

Graphic objects are programmed at the level of standard XPL^2 language which includes graphical API (Application Programming Interface). When designing the touch panel graphic layout, application programmers therefore do not depend on a fixed set of objects delivered by the software manufacturer but are free to create their own, often very sophisticated objects or whole functional blocks. Runtime's Resize-On-Demand technology for graphic resources dramatically simplifies creating of graphical objects. It is not necessary to prepare special graphics for different objects sizes.
Runtime's High Color Enhancer improves the subjective perception of color depth. On touch panels with 16-bit color depth the application graphics looks as if it had 24-bit color depth.
Software installation includes Cue Symbol Font with more than 130 symbols covering the needs of most control applications. The symbol set is grouped into Transport, Arrows & Movements, AV / TV Control, Indicators etc.
Software installation includes more than 140 black / white icons (bitmaps) covering most frequently used symbols and pictures.

SIMULATION AND DEBUG

CVC and all runtimes for Microsoft Windows based computers can utilize multi-core processors. CVC offers many various ways how to debug and test applications, which significantly shortens the development cycle. The whole project can be simulated anytime on a computer or tested on real hardware units using their control ports.
For every unit in the project this debug mode can be set individually and both simulation and real unit testing can be combined. CVC displays debug messages from simulated units and from real units too.

FIRMWARE

Firmware update On-The-Fly is implemented for all CUE touch panels and controllers. All firmware is part of CVC installation. If CVC recognizes an older firmware version, it automatically updates firmware before debugging or final project uploading.

Cue Visual Composer

Product code	PT0007
Compatibility	Microsoft® Windows XP/Vista/7/8/8.1/10 (32/64-bit)

OVERVIEW

As the market gets filled with modern-day technological systems and gadgets, the range of DIY systems for home automation is really wide.

Nowadays, you can get anything online – from wireless audio system and smart light bulbs to a phone-controlled kettle. The dream of a modern person, you might think. But here comes the catch: each of these products comes with its own mobile device application. No matter whether you are a fan of Apple iOS, Android or MS Windows, these products are compatible with every common operating system. They are, however, not inter-compatible.

In practice this means that the more of these smart products you have at home, instead of having less work, you will have even more work every time you want to leave or return home. That is because your mobile device needs to contain many different applications for many different products and you have to open each of them in order to control all the smart technologies at your home. Not to mention that every application has a different design and way of controlling the affiliated product.

Moreover, it is not possible to automate the tasks based on specific triggers, such as date, time, temperature, the actual weather etc.

Vast majority of the automation technologies all around the world today (however good they may be) lack one very important feature – the integration of other similar technologies. That is the reason why people often experience problems while trying to create an automated environment.

Are you looking for a solution which is both smart and elegant? In that case the CUE System is exactly what you need!

FEATURES

Based on the advanced hardware and software solution, the Cue System is able to
- Integrate different devices, protocols and systems based on worldwide technologies KNX, DALI, DMX512, Modbus, EnOcean, DLNA, Philips HUE, Sonos and many others
- Provide a straightforward and secure integration;
- Enable data exchange between devices and systems;
- Control and automate all technologies;
- Visualize all technologies on mobile devices and touch panels;
- Control all technologies from a single application on your mobile device and thus eliminate all the individual applications affiliated with separate technologies;
- Control all technologies using wireless/tabletop/wall touch panels, keypads, button panels, etc.
- Trigger all technologies by date, time, sunrise/sunset, temperature etc.
- Offer convenient and consistent operation;
- Offer a high level of flexibility owing to extensive support of various standards;
- Simulate presence at home by turning on/off the lights, AV technologies, window blinds etc. based on a schedule which can emerge from the real behaviour of the occupiers
- Offer not only mobile device applications, but also built-in touch panels and control units.
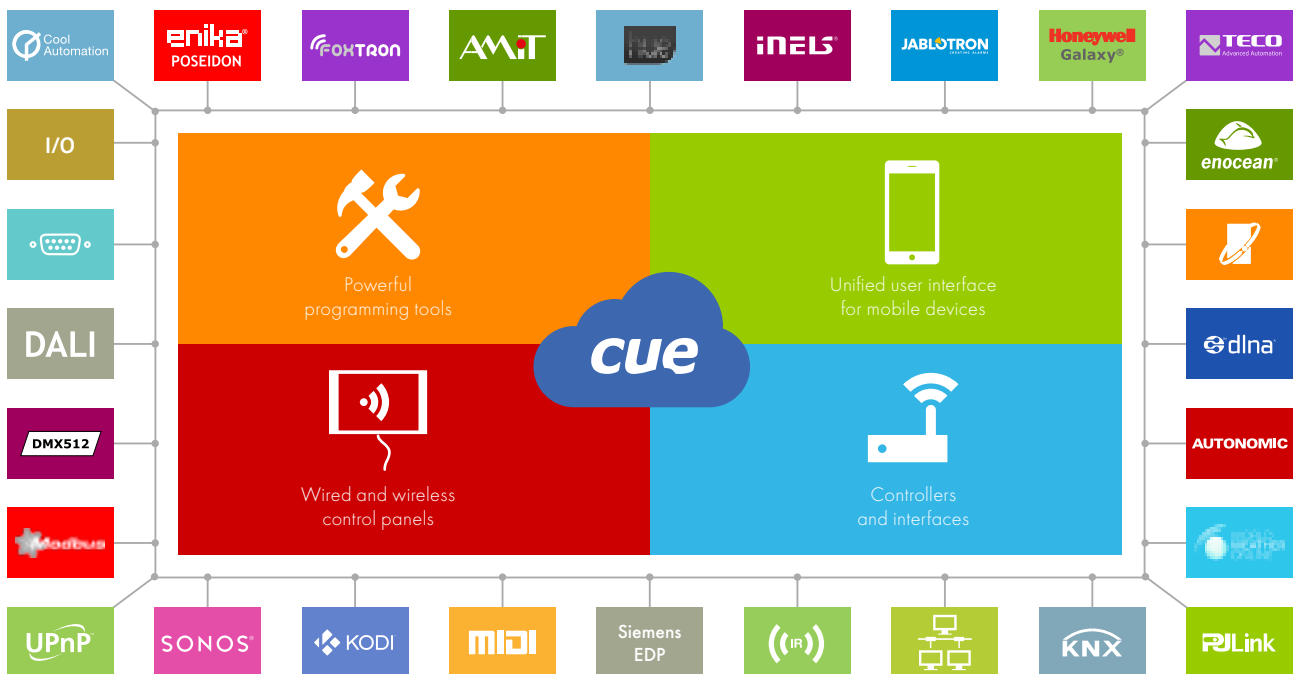
Supported Technologies

IT Standard Technologies

- Supported protocols: ARP, DHCP, DLNA, ICMP, DNS, FTP, HTTP, HTTPS, IPv4, KNXnet/IP, LDAP, NTP, POP3, RTSP, UPnP, DLNA, SMTP, SNMP, SSDP, SSH, SSL, TCP/IP, Telnet, TLS, UDP/IP, UPnP, Wake-On-LAN, Web Server
- Software: build in firmware or device drivers

DMX512

- Digital MultipleX, EIA-485 physical layer
- Standard for stage lighting, effects, interior and architectural lighting
- Connection: dedicated port on controlCUE-dmx-d
- Software: API functions and device drivers

Modbus TCP | Modbus Serial

- Open standard for industry, buildings, traffic, energy, etc.
- Client-server communication for Modbus TCP
- Master-slave communication for Modbus Serial
- Connection: IP or serial port
- Software: device drivers

MIDI

- Musical Instrument Digital Interface
- Electronic musical instrument industry communication
- Also used for show control, theatre lighting, effects, etc.
- Connection: serial port
- Software: device drivers

CoolMasterNet

- HVAC system control - mode, fan, setpoint, swing
- Fully compatible with air conditioning indoor units by Daikin, Mitsubishi, Toshiba, Fujitsu, LG, Hitachi, Gree and similar
- Connection: IP or serial port
- Software: device drivers

Serial

- RS-232/422/485 standards
- Bi-directional communication for control and feedbacks
- Typical for AV switchers, projectors, TVs, industry, etc.
- Connection: serial port, IR/serial output or versatile port
- Software: device drivers

Input and Outputs

- Digital, voltage and resistance inputs, digital pulse counter, current loop, temperature and light sensors
- Digital outputs, analog outputs, low and high relays, dimming outputs, etc.
- Software: device drivers

DALI

- Digital Addressable Lighting Interface
- Data protocol and transport mechanism for light control
- Cue System as IP backbone between 64 devices subnets
- Connection: dedicated port on controlCUE-dali-d
- Software: API functions and device drivers

KNX | KNXnet/IP

- Open standard conforming to EN 50090 and ISO/IEC 14543
- Twisted pair cable, IP or RF for data transmission
- Connection: dedicated port on controlCUE-knx-d for KNX TP (twisted pair), IP port for KNXnet/IP
- Software: API functions and device drivers

EnOcean

- RF standard for sustainable building projects
- Self-powered RF as a core technology
- Connection: dedicated RF port on controlCUE-enocean-d or controlCUE-hub
- Software: API functions and device drivers

OpenTherm

- Communication for heating systems
- Point-to-point master (thermostat or controller) / slave (boiler) protocol
- Connection: serial port
- Software: device driver available on request

PJLink

- Unified protocol for data projectors control
- IP based
- Vendor independent
- Connection: IP port
- Software: device driver

Infrared

- One-way communication, no feedback from controlled device
- CUE controllers equipped with IR capture
- IR adapters or blasters for transmitting
- Connection: IR/serial output, versatile port
- Software: device drivers

Daily Weather from World Weather Online

- Weather data access for control applications
- Standard HTTP requests, returns in XML or JSON formats
- Ready to use widget
- Connection: IP port, Internet access requested
- Software: widget - device driver and graphic object

Supported Technologies

UPnP

- Universal Plug and Play networking protocols for device discovering and communication establishing
- Server, renderer and controller device types
- Connection: IP port
- Software: widget - device driver and graphic objects

DLNA

- Digital Living Network Alliance
- Inter-operability guidelines for digital media sharing between multimedia devices - NAS, TVs, network speakers, etc.
- Connection: IP port
- Software: widget - device driver and graphic objects

KODI

- Media player for Linux, OSX, Windows, iOS, and Android
- Videos, music, pictures, etc. from local storage or Internet
- UPnP compatible
- Connection: IP port
- Software: widget - device driver and graphic objects

Sonos

- Hi-Fi wireless speakers and audio components
- Digital music collection in one app
- Control from any device
- Connection: panel IP port
- Software: widget - device driver and graphic objects

Philips Hue

- Fully customizable light bulbs
- Up to 16 million colors by combining three LEDs
- Up to 50 Hue light bulbs wirelessly connected to the IP bridge
- Connection: IP port
- Software: device driver

Autonomic Controls Mirage

- Media server control from any CUE user interface
- GUI for touch panels, mobile devices and computers
- Integration based on IP protocols Telnet and HTTP
- Connection: IP port
- Software: widget - device driver and graphic objects

Honeywell Galaxy

- Integrated intruder and access control security solution
- Monitoring and control of detectors and other subsystems connected to security central units
- Connection: IP or serial port
- Software: device drivers

Siemens EDP

- Enhanced Datagram Protocol for alarm / access systems
- Monitoring and control of detectors and other subsystems connected to security central units
- Connection: IP port
- Software: device driver

Amit

- Control systems for building and industrial automation
- Ethernet interface
- Communication based on Modbus TCP
- Connection: IP port
- Software: device driver

JABLOTRON

- Security system
- Monitoring and control of detectors and other subsystems connected to security central units
- Connection: serial port
- Software: device driver

Enika Poseidon

- Wireless system for intelligent electrical installation
- Switches, window blinds receivers, light controllers, dimmers and other units controlled through Modbus TCP
- Connection: IP port
- Software: device driver

Foxtron

- Control interfaces for intelligent electrical installation
- Switching units, drivers, dimmers and converters interfaced through various communication standards
- Connection: DALI, KNX, DMX and serial port for PEX
- Software: device driver

INELS

- Wired and wireless system for intelligent electrical installation
- Transmitters and actuators monitored and controlled through Ethernet interface
- Connection: IP port
- Software: device driver

Tecomat PLC EPSNET

- Automation system interfaced through Ethernet
- Sending and receiving data concerning the state of variables via the EPSNET protocol
- Connection: IP port
- Software: set of device drivers

Wired Touch Panels

Tabletop Models

- Ethernet IP enabled touch panels for tabletop usage
- Application and license server for mobile applications
- Full motion streaming video preview
- Colors 32-bit (True Color), transparency 8-bit Alpha blending
- Real time clock (RTC) for scheduling applications

- Bi-directional control of any IP enabled products through Ethernet port
- Easy network integration
- Power over Ethernet (PoE)
- Web server and Admin Web for setup through a standard web browser
- Power supply and Ethernet cable included

	touchCUE-5	touchCUE-7	touchCUE-12
Product code	CS0371	CS0451	CS0466
Display type	Color IPS LCD with LED backlit	Color a-Si TFT LCD with LED backlit	Color a-Si TFT LCD with LED backlit
Display size	4.3" (109 mm) diagonal	7" (177.8 mm) diagonal	12.1" (307.3 mm) diagonal
Resolution	800 x 480 pixels	1280 x 800 pixels	1280 x 800 pixels
Viewing angle	±80° horizontal, ±80° vertical	±80° horizontal, ±80° vertical	±80° horizontal, ±80° vertical
Touch overlay	Projected capacitive, edge-to edge glass	Projected capacitive, edge-to edge glass	Projected capacitive, edge-to edge glass
Sensors	Light and proximity	Light and proximity	Light and proximity
Audio	Microphone and speakers	Microphone and speakers	Microphone and speakers
RAM / Non-volatile flash	512 MB / min. 4 GB	512 MB / min. 4 GB	512 MB / min. 4 GB
Network	Wired 10/100 BaseT Ethernet	Wired 10/100 BaseT Ethernet	Wired 10/100 BaseT Ethernet
Power supply	PoE, IEEE 802.3af / Class 0	PoE, IEEE 802.3af / Class 0	PoE+, IEEE 802.3at / Class 4
Enclosure	Aluminum, glass Protection IP30 Integrated tabletop stand	Aluminum, glass Protection IP30 Integrated tabletop stand	Aluminum, glass Protection IP30 Integrated tabletop stand
Dimensions	136 x 81 x 73 mm	199 x 115 x 97 mm	320 x 192 x 153 mm
Weight	0.4 kg	0.8 kg	2.4 kg
Included accessories	PoE power supply, Ethernet cable	PoE power supply, Ethernet cable	PoE+ power supply, Ethernet cable

Wired Touch Panels

Built-In Models

- Ethernet IP enabled touch panels for built-in usage
- Application and license server for mobile applications
- Full motion streaming video preview
- Colors 32-bit (True Color), transparency 8-bit Alpha blending
- Real time clock (RTC) for scheduling applications

- Bi-directional control of any IP enabled products through Ethernet port
- Easy network integration
- Power over Ethernet (PoE)
- Web server and Admin Web for setup through a standard web browser
- Power supply, Ethernet cable and wall mounting adapter included

	touchCUE-5-B	touchCUE-7-B	touchCUE-12-B
Product code	CS0372	CS0452	CS0467
Display type	Color IPS LCD with LED backlit	Color a-Si TFT LCD with LED backlit	Color a-Si TFT LCD with LED backlit
Display size	4.3" (109 mm) diagonal	7" (177.8 mm) diagonal	12.1" (307.3 mm) diagonal
Resolution	800 x 480 pixels	1280 x 800 pixels	1280 x 800 pixels
Viewing angle	±80° horizontal, ±80° vertical	±80° horizontal, ±80° vertical	±80° horizontal, ±80° vertical
Touch overlay	Projected capacitive, edge-to edge glass	Projected capacitive, edge-to edge glass	Projected capacitive, edge-to edge glass
Sensors	Light and proximity	Light and proximity	Light and proximity
Audio	Microphone and speakers	Microphone and speakers	Microphone and speakers
RAM / Non-volatile flash	512 MB / min. 4 GB	512 MB / min. 4 GB	512 MB / min. 4 GB
Network	Wired 10/100 BaseT Ethernet	Wired 10/100 BaseT Ethernet	Wired 10/100 BaseT Ethernet
Power supply	PoE, IEEE 802.3af / Class 0	PoE, IEEE 802.3af / Class 0	PoE+, IEEE 802.3at / Class 4
Enclosure	Aluminum, glass Protection IP30 Compatible with standard electrical wall box	Aluminum, glass Protection IP30 Compatible with standard electrical wall box	Aluminum, glass Protection IP30 Compatible with standard electrical wall box
Dimensions	136 x 81 x 37 mm	199 x 120 x 39 mm	320 x 200 x 47 mm
Weight	0.3 kg	0.6 kg	2.0 kg
Included accessories	PoE power supply, Ethernet cable, Wall mounting adapter	PoE power supply, Ethernet cable, Wall mounting adapter	PoE+ power supply, Ethernet cable, Wall mounting adapter

SIMPLE, THREE STEPS INSTALLATION

Step 1

Step 2

Step 3
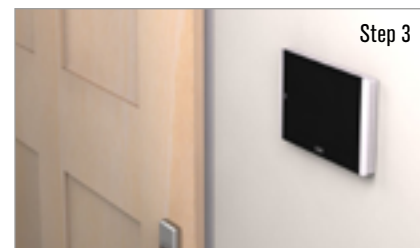
Wireless Touch Panel

- Wireless IP enabled touch panel
- ARM® processor platform
- Real time clock (RTC) for scheduling applications
- Bi-directional control of any IP enabled products through Ethernet

- Web server and Admin Web for setup through a standard web browser
- Aluminum enclosure
- Tabletop charging station included
- Wall charging station available

airCUE-7

Product code	CS0374
Display type	Color TFT LCD
Illumination	LED backlit
Display size	7" (177.8 mm) diagonal
Resolution	800 x 480 pixels
Colors	32-bit (True Color)
Transparency	8-bit Alpha blending
Viewing angle	±80° horizontal, ±80° vertical
Touch overlay	Projected capacitive
Buttons	1 programmable
Sensors	Light and motion
Infra-red	IR receiver for capture and IR wireless control panel link IR transmitter
Audio	Microphone and speakers
Video	Full motion streaming video preview
RAM / Non-volatile flash	512 MB / min. 4 GB
Network	Wireless IEEE 802.11b/g Wi-Fi 2.4 GHz
Battery	Built-in Li-Ion rechargeable battery pack 7.2 VDC / 1 950 mAh
Power supply	12 VDC for charging / max. 15 W
Enclosure	Aluminum Protection IP30
Dimensions	198 x 145 x 27 mm
Weight	0.8 kg
Included accessories	Wall power supply 12 VDC / 24 W, Tabletop charging station
Recommended accessories (has to be ordered separately)	Wall Charging Station 7

Wall Charging Station 7

Product code	CS0438
Description	Wall charging station for airCUE-7
Power supply	12 VDC
Enclosure	Metal and plastic Protection IP40
Dimensions	198 x 148 x 34 mm
Weight	0.7 kg

- Runtimes for control applications running on Apple iOS, Android and MS Windows
- Control applications and licenses downloaded from local application & license server (touch panel or controller) or from cloud
- Supports the execution of programs written in XPL^2 language
- Enables use any mobile device as a Cue System control panel

- Suitable addition to CUE control panels and controllers
- GUI applications designed in Cue Visual Composer
- System communication based on IP using CUEnet^2 protocol
- Any IP operated device can be controlled directly
- Complete set of XPL^2 IP commands available

appCUE

Product code	CS0485
Operating systems	Apple iOS 7.00 and higher
	Android 4.1 and higher
	Microsoft® Windows 7 / 8 / 8.1 / 10 (32/64-bit)
Resolution	Defined by application
	Full screen mode available
Network	Wired or wireless (Wi-Fi)
System communication	CUEnet^2
IP commands	Complete set available foir IP control
Free download from	Apple AppStore for Apple iOS
	Google Play for Android
	CUE Web page for MS Windows
Applicaton notes	The appCUE needs controller or touch panel used as application and license server.
	The appCUE does not operate with nodeCUE without application and license server.
	The appCUE allows use IP commands for network controlled devices.

appCUE

available for all major platforms

iOS

Android

Windows

CUE
Local & Cloud Solution

Application & License server
(controller or touch panel)

my.cuesystem.com
(cloud)

Control Applications

Software Licenses
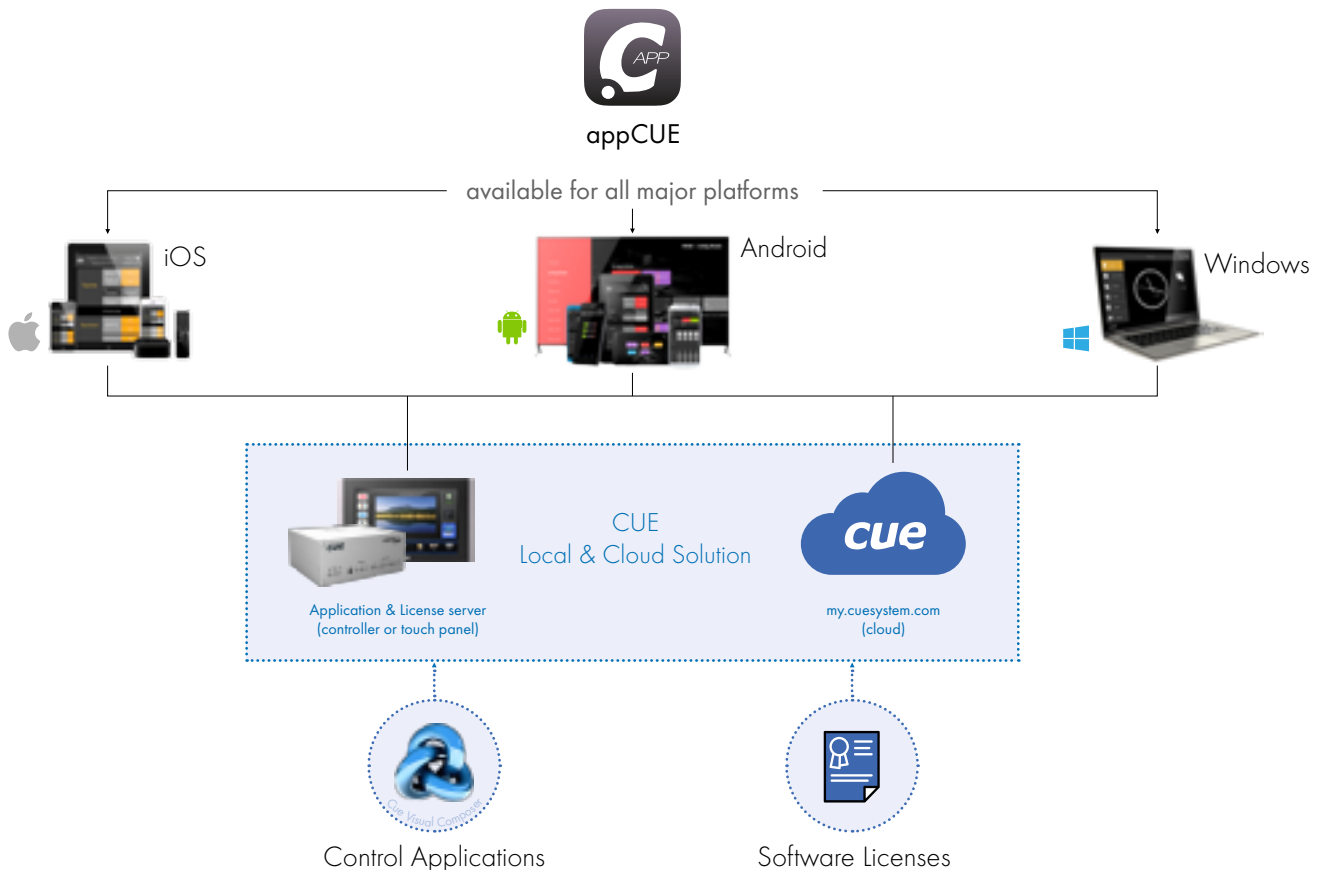
Controllers

Tabletop | On-wall Hub

- Ethernet IP enabled controller and integration hub
- Application and license server for mobile applications
- Wired network communication, IP control through Ethernet port
- Hub for EnOcean integration
- IR codes capture and blaster for infra-red controlled devices

- LED indicators
- Real time clock (RTC) for scheduling applications
- Web server and Admin Web for setup through a standard web browser
- USB power supply
- Elegant slim black enclosure, tabletop or on-wall installation

controlCUE-hub

Product code	CS0487
RAM / Non-volatile flash	64 MB / 256 MB
Network	Wired 10/100 BaseT Ethernet
Wireless	EnOcean 868 MHz
Infra-red	Built-in receiver for code capturing
	Built-in blaster for control
Power supply	5 VDC / max. 4 W, USB-C connector
Enclosure	Black plastic, protection IP20
Dimensions	120 x 120 x 24 mm
Weight	0.2 kg
Included accessories	Wall power supply 5 VDC,
	Ethernet cable

Tabletop | Rackmount Models

- Ethernet IP enabled controllers
- Application and license server for mobile applications
- Variety types of control ports
- Bi-directional control of any IP enabled products through Ethernet port

- Front panel LED indicators for all control ports
- Real time clock (RTC) for scheduling applications
- Web server and Admin Web for setup through a standard web browser
- For available accessories see section Accessories

	controlCUE-versatile	controlCUE-one	controlCUE-two
Product code	CS0475	CS0412	CS0414
RAM / Non-volatile flash	64 MB / 256 MB	512 MB / min. 4 GB	512 MB / min. 4 GB
IR receiver for capture	1	1	1
IR receiver for wireless control panels	-	1	1
Network	Wired 10/100 BaseT Ethernet	Wired 10/100 BaseT Ethernet	Wired 10/100 BaseT Ethernet
Bi-directional serial RS-232/485	3	-	-
Bi-directional serial RS-232/422/485	-	2	6
Versatile port	8	-	-
IR/Serial output	-	4	8
General I/O (analog in / digital out)	-	4	8
Low-voltage relay 24 V / 0.5 A	-	2	4
Audio	-	Line in, line out	Line in, line out
Power supply	24 VDC / max. 4 W	24 VDC / max. 4 W	24 VDC / max. 4 W
	PoE, IEEE 802.3af / Class 0		
Enclosure	Aluminum, protection IP20	Aluminum, protection IP20	Aluminum, protection IP20
Dimensions	105 x 43.5 x 92 mm	210 x 43.5 x 92 mm	210 x 43.5 x 92 mm
Weight	0.3 kg	0.5 kg	0.6 kg
Included accessories	Wall power supply 24 VDC / 24 W,	Wall power supply 24 VDC / 24 W,	Wall power supply 24 VDC / 24 W,
	2x IR Adapter /i, Connector set,	4x IR Adapter /i, Connector set,	4x IR Adapter /i, Connector set,
	Ethernet cable	Ethernet cable	Ethernet cable
Recommended accessories (has to be ordered separately)	Rack Mounting Shelf, IR Adapter /i, Opto-Input Adapter /i, Serial cables, Current Loop Adapter	Rack Mounting Shelf, IR Adapter /i, Opto-Input Adapter /i, Serial cables	Rack Mounting Shelf, IR Adapter /i, Opto-Input Adapter /i, Serial cables

Controllers

DIN Rail Models

- Ethernet IP enabled controllers
- Application and license server for mobile applications
- Variety types of control ports
- Bi-directional control of any IP enabled products through Ethernet port

- Front panel LED indicators for all control ports
- Real time clock (RTC) for scheduling applications
- Web server and Admin Web for setup through a standard web browser
- For available accessories see section Accessories

	controlCUE-versatile-d	controlCUE-dali-d	controlCUE-knx-d
Product code	CS0453	CS0454	CS0455
RAM / Non-volatile flash	64 MB / 256 MB	64 MB / 256 MB	64 MB / 256 MB
IR receiver for capture	1	1	1
Network	Wired 10/100 BaseT Ethernet	Wired 10/100 BaseT Ethernet	Wired 10/100 BaseT Ethernet
Bi-directional serial RS-232/485	3	1	1
Versatile port	8	4	4
DALI	-	1, external DALI power supply required	-
KNX	-	-	1, external KNX power supply required
Power supply	24 VDC / max. 4 W	24 VDC / max. 4 W	24 VDC / max. 4 W
	PoE, IEEE 802.3af / Class 0	PoE, IEEE 802.3af / Class 0	PoE, IEEE 802.3af / Class 0
Enclosure	Plastic, DIN rail, 4 M, protection IP20	Plastic, DIN rail, 4 M, protection IP20	Plastic, DIN rail, 4 M, protection IP20
Dimensions	70 x 90 x 58 mm	70 x 90 x 58 mm	70 x 90 x 58 mm
Weight	0.2 kg	0.2 kg	0.2 kg
Included accessories	DIN rail power supply 24 VDC / 15 W, 2x IR Adapter /i, Connector set, Ethernet cable	DIN rail power supply 24 VDC / 15 W, 2x IR Adapter /i, Connector set Ethernet cable	DIN rail power supply 24 VDC / 15 W, 2x IR Adapter /i, Connector set Ethernet cable
Recommended accessories (has to be ordered separately)	IR Adapter /i, Opto-Input Adapter /i, Serial cables, Current Loop Adapter	IR Adapter /i, Opto-Input Adapter /i, Serial cables, Current Loop Adapter	IR Adapter /i, Opto-Input Adapter /i, Serial cables, Current Loop Adapter

	controlCUE-dmx-d	controlCUE-enocean-d
Product code	CS0456	CS0458
RAM / Non-volatile flash	64 MB / 256 MB	64 MB / 256 MB
IR receiver for capture	1	1
Network	Wired 10/100 BaseT Ethernet	Wired 10/100 BaseT Ethernet
Bi-directional serial RS-232/485	1	1
Versatile port	4	4
DMX512	2	-
EnOcean RF	-	868 MHz for Europe
Power supply	24 VDC / max. 4 W	24 VDC / max. 4 W
	PoE, IEEE 802.3af / Class 0	PoE, IEEE 802.3af / Class 0
Enclosure	Plastic, DIN rail, 4 M, protection IP20	Plastic, DIN rail, 4 M, protection IP20
Dimensions	70 x 90 x 58 mm	70 x 90 x 58 mm
Weight	0.2 kg	0.2 kg
Included accessories	DIN rail power supply 24 VDC / 15 W, 2x IR Adapter /i, Connector set, Ethernet cable	DIN rail power supply 24 VDC / 15 W, Antenna incl. cable, 2x IR Adapter /i, Connector set, Ethernet cable
Recommended accessories (has to be ordered separately)	IR Adapter /i, Opto-Input Adapter /i, Serial cables, Current Loop Adapter	IR Adapter /i, Opto-Input Adapter /i, Serial cables, Current Loop Adapter

Lightweight Controllers

- Cost effective controllers
- IP enabled for system communication CUEnet[2] only
- IP device control and e-mails not supported
- Variety types of control ports
- Front panel LED indicators for all control ports

- Real time clock (RTC) for scheduling applications
- Power over Ethernet
- Web server and Admin Web for setup through a standard web browser
- Tabletop or DIN rail compatible enclosure
- For available accessories see section Accessories

	smartCUE-relay	smartCUE-versatile	smartCUE-versatile-d
Product code	CS0496	CS0491	CS0492
IR receiver for capture	1	1	1
Network	Wired 10/100 BaseT Ethernet	Wired 10/100 BaseT Ethernet	Wired 10/100 BaseT Ethernet
Bi-directional serial RS-232/485	3	3	3
Versatile port	6	8	8
Low-voltage relay 24 V / 0.5 A	6	-	-
Power supply	24 VDC / max. 4 W PoE, IEEE 802.3af / Class 0	24 VDC / max. 4 W PoE, IEEE 802.3af / Class 0	24 VDC / max. 4 W PoE, IEEE 802.3af / Class 0
Enclosure	Aluminum Protection IP20	Aluminum Protection IP20	Plastic, DIN rail, 4 M Protection IP20
Dimensions	105 x 43.5 x 92 mm	105 x 43.5 x 92 mm	70 x 90 x 58 mm
Weight	0.3 kg	0.3 kg	0.2 kg
Included accessories	Wall power supply 24 VDC / 24 W, 2x IR Adapter /i, Connector set, Ethernet cable	Wall power supply 24 VDC / 24 W, 2x IR Adapter /i, Connector set, Ethernet cable	DIN rail power supply 24 VDC / 15 W, 2x IR Adapter /i, Connector set, Ethernet cable
Recommended accessories (has to be ordered separately)	Rack Mounting Shelf, IR Adapter /i, Opto-Input Adapter /i, Serial cables, Current Loop Adapter	Rack Mounting Shelf, IR Adapter /i, Opto-Input Adapter /i, Serial cables, Current Loop Adapter	IR Adapter /i, Opto-Input Adapter /i, Serial cables, Current Loop Adapter

Wireless IP Interfaces

- Cost effective Wi-Fi interfaces
- Easy Wi-Fi provisioning
- Fully compatible with touch panels and controllers
- Fully integrated to Cue Visual Composer programming

- API for custom applications
- Front panel status indicator and set button
- Web server and Admin Web for setup through a standard web browser
- Unified plastic enclosure for wall or DIN rail installation

	nodeCUE-led4-w	nodeCUE-relay2-w
Product code	CS0476	CS0484
Network	Wireless IEEE 802.11b/g/n Wi-Fi 2.4 GHz	Wireless IEEE 802.11b/g/n Wi-Fi 2.4 GHz
Input	-	2x Power button, common contact connected to L
LED output	4x LED voltage control Max. voltage 26 VDC Max. load 3 A / channel PWM 200 Hz	-
Potential free relay	-	2x NC-C-NO Max. voltage 250 VAC Max. output load per relay • Resistive load: 10 A • Capacitive load: 10 A • Inductive load: 2 A
Power supply	12 ÷ 26 VDC	100 ÷ 240 VAC, 50/60Hz
Enclosure	Plastic, compact DIN rail, 4 M Protection IP20	Plastic, compact DIN rail, 4 M Protection IP20
Dimensions	71.1 x 90 x 32.2 mm	71.1 x 90 x 32.2 mm
Weight	0.1 kg	0.15 kg

Packages

Mobile Control Panel

	Elite-CV-M	Elite-CVD-M
Product code	ST0072	ST0073
Description	Cost-effective control system with mobile licenses	Cost-effective control system with mobile licenses
	Perfect for small sized applications	Perfect for small sized applications
Control panel	2x appCUE runtime license	2x appCUE runtime license
	Mobile device is not part of delivery.	Mobile device is not part of delivery.
Controller	controlCUE-versatile	controlCUE-versatile-d
Included accessories	Wall power supply 24 VDC / 24 W,	Wall power supply 24 VDC / 24 W,
	2x IR Adapter /i,	2x IR Adapter /i,
	Connector set,	Connector set,
	Ethernet cable	Ethernet cable

Wireless Touch Panel

	Elite-C1-7-wifi	Elite-C2-7-wifi
Product code	ST0059	ST0060
Description	Cost-effective wireless 7" touch panel control system	Wireless 7" touch panel control system
	Perfect for small sized applications	Perfect for medium sized applications
Control panel	airCUE-7	airCUE-7
Controller	controlCUE-one	controlCUE-two
Included accessories	Wall power supply 24 VDC / 24 W,	Wall power supply 24 VDC / 24 W,
	Wall power supply 12 VDC / 24 W,	Wall power supply 12 VDC / 24 W,
	Tabletop charging station,	Tabletop charging station,
	Access point incl. power supply,	Access point incl. power supply,
	4x IR Adapter /i,	4x IR Adapter /i,
	Connector set,	Connector set,
	Ethernet cables	Ethernet cables

Packages

Wired Tabletop Touch Panel

Elite-CV-5

Product code	ST0069
Description	Cost-effective 5" touch panel control system Perfect for small sized applications
Control panel	touchCUE-5
Controller	controlCUE-versatile
Included accessories	Wall power supply 24 VDC / 24 W, PoE power supply, 2x IR Adapter /i, Connector set, Ethernet cables

Elite-C2-7

Product code	ST0063
Description	Wired 7" touch panel control system Perfect for medium sized applications
Control panel	touchCUE-7
Controller	controlCUE-two
Included accessories	Wall power supply 24 VDC / 24 W, PoE power supply, 4x IR Adapter /i Connector set, Ethernet cables

Wired Built-In Touch Panel

Elite-CVD-5B

Product code	ST0070
Description	Cost-effective wired 4.3" control system Perfect for small sized applications
Control panel	touchCUE-5-B
Controller	controlCUE-versatile-d
Included accessories	Wall power supply 24 VDC / 24 W, PoE power supply, Wall mounting adapter, 2x IR Adapter /i, Connector set, Ethernet cables

Elite-CVD-7B

Product code	ST0071
Description	Cost-effective wired 7" control system Perfect for small to medium sized applications
Control panel	touchCUE-7-B
Controller	controlCUE-versatile-d
Included accessories	Wall power supply 24 VDC / 24 W, PoE power supply, Wall mounting adapter, 2x IR Adapter /i, Connector set, Ethernet cables

Radio Communication

	Tx Time Transmitters	Tx Element Transmitters	Tx Pocket Transmitters
Product code	CS0310-401 (2 buttons) CS0311-401 (4 buttons)	CS0312-401 (2 buttons) CS0313-401 (4 buttons)	CS0314-401 (1 button) CS0315-401 (4 buttons) CS0316-401 (2 buttons)CS0317-401 (4 buttons)
Description	Wall mounted transmitter ABB Time compatible Mounting with screws or adhesive tape No need to cut the wall	Wall mounted transmitter ABB Element compatible Mounting with screws or adhesive tape No need to cut the wall	Portable transmitters
Buttons	2 or 4	2 or 4	1, 2 or 4
Wireless	Radio 433.92 MHz	Radio 433.92 MHz	Radio 433.92 MHz
Max. range	60 m	60 m	40 – 50 m
Power supply	Lithium bat. 3 V, CR 2430	Lithium bat. 3 V, CR 2430	Lithium or alkaline bat.
Battery lifetime	Up to 10 years	Up to 10 years	Up to 3 years
Enclosure	Plastic Protection IP20	Plastic Protection IP20	Plastic Protection IP20
Dimensions	83 x 81 x 16 mm	88 x 81 x 16 mm	Approx. 40 x 70 x 13 mm
Weight	0.1 kg	0.1 kg	Approx. 40 g

	Rx1 DIN/LOG	Rx Ext
Product code	CS0450	CS0319-401
Description	Receiver for wall and portable transmitters Input for antenna or for external receiver Rx Ext	External receiver for Rx1 DIN/LOG Two-wire connection Indoor / outdoor usage
Wireless	Radio 433.92 MHz	Radio 433.92 MHz
Serial communication	RS-232	-
Power supply	230 VAC / 50 Hz / max. 4 W	From Rx1 DIN/LOG
Enclosure	Plastic, DIN rail, 3 M Protection IP20	Plastic Protection IP33
Dimensions	53 x 90 x 58 mm	49 x 225 x 69 mm
Weight	0.25 kg	0.5 kg

Wired Button Panels

Tabletop and On-Wall Models

	keypadCUE-8-L-T	keypadCUE-8-L	keypadCUE-8-E-T	keypadCUE-8-E
Product code	CS0398-004 (stainless steel) CS0398-014 (graphite grey)	CS0287-004 (stainless steel) CS0287-014 (graphite grey)	CS0399-004 (stainless steel) CS0399-014 (graphite grey)	CS0288-004 (stainless steel) CS0288-014 (graphite grey)
Description	Tabletop model	On-wall model compatible with European wall boxes	Tabletop model Replaceable plastic strips for custom engraved labels	On-wall model compatible with European wall boxes Replaceable plastic strips for custom engraved labels
Buttons	8	8	8	8
Custom labels	Engraved or printed on a printer LED backlit	Engraved or printed on a printer LED backlit	Engraved LED backlit	Engraved LED backlit
Indicators	8 programmable LEDs	8 programmable LEDs	8 programmable LEDs	8 programmable LEDs
Infra-red	IR receiver for IR wireless control panel link	IR receiver for IR wireless control panel link	IR receiver for IR wireless control panel link	IR receiver for IR wireless control panel link
Serial communication	RS-485	RS-485	RS-485	RS-485
Power supply	24 VDC / max. 4 W	24 VDC / max. 4 W	24 VDC / max. 4 W	24 VDC / max. 4 W
Enclosure	Metal / plastic Protection IP30	Metal / plastic Protection IP30	Metal / plastic Protection IP30	Metal / plastic Protection IP30
Dimensions	140 x 90 x 19 mm	140 x 90 x 19 mm	140 x 90 x 19 mm	140 x 90 x 19 mm
Weight	0.4 kg	0.4 kg	0.4 kg	0.4 kg
Included accessories	-	Wall mounting adapter	-	Wall mounting adapter

Built-In Models

	keypadCUE-1G	keypadCUE-2G	keypadCUE-3G
Product code	CS0221	CS0222	CS0223
Description	Built-in model	Built-in model	Built-in model
Buttons	8 with red backlit	16 with red backlit	24 with red backlit
Custom labels	Printed on a transparent foil	Printed on a transparent foil	Printed on a transparent foil
Bar graph 20-LEDs	1	2	2
Indication	Programmable two level button backlit	Programmable two level button backlit	Programmable two level button backlit
Communication	RS-485	RS-485	RS-485
Power supply	24 VDC / max. 3 W	24 VDC / max. 4 W	24 VDC / max. 4 W
Enclosure	Stainless steel front panel Protection IP30	Stainless steel front panel Protection IP30	Stainless steel front panel Protection IP30
Dimensions	69 x 108 x 50 mm	110 x 108 x 50 mm	155 x 108 x 50 mm
Weight	0.2 kg	0.4 kg	0.7 kg
Included accessories	Metal back box	Metal back box	Metal back box

Inputs

	sensorCUE-W	inputCUE-W	inputCUE
Product code	CS0289-101	CS0334	CS0191
Description	Temperature and daylight sensor for indoor use	Contact and temperature sensor input unit Delivered with IO cables and connectors	Contact input unit LED indicator Address settings by DIP switch
Inputs	Temperature measurement -20 ÷ +50°C Daylight sensor may be calibrated for day / night light level recognition	8x potential free contact 1x sensor Pt1000	8x Potential free contact
Outputs	-	8x Digital output TTL suitable for LED	-
Communication	RS-485	RS-485	RS-485
Buttons	-	-	-
Indicators	-	-	Data communication activity
Power supply	24 VDC / max. 1 W	24 VDC / max. 1 W	24 VDC / max. 2 W
Enclosure	Plastic, European electrical wall box compatible Protection IP20	European electrical wall box compatible Protection IP40 when installed in wall box	Plastic, DIN rail, 3 M Protection IP20
Dimensions	83 x 81 x 16 mm	50 x 21 mm	53 x 90 x 58 mm
Weight	0.1 kg	0.1 kg	0.3 kg

Outputs

	PEA208	PEF200
Product code	CS0225-1 (version 110 V) CS0225-2 (version 230 V)	CS0166-1 (version 110 V) CS0166-2 (version 230 V)
Description	Analog output 0 - 10 V Build-in relays LED indicators	Two-channel interface for fluorescent lamp DSI dimming ballasts
Inputs	4x Potential free contact	4x Potential free contact
Outputs	2x Analog output 0 – 10 V 2x Relay 230 V, max. 8 A	2x DSI ports, each up to 50 electronic ballasts
Communication	RS-485	RS-485
Buttons	4x test button	4x test button
Indicators	Power, serial channel, status of outputs	Power, serial channel, status of outputs
Power supply	110 or 230 VAC / max. 12 VA	110 or 230 VAC / max. 12 VA
Enclosure	Plastic, DIN rail, 4 M Protection IP20	Plastic, DIN rail, 4 M Protection IP20
Dimensions	71 x 90 x 58 mm	71 x 90 x 58 mm
Weight	0.3 kg	0.3 kg

Interfaces

Power Switching Units

	relayCUE-8	powerAUX	PES03
Product code	CS0335-1 (version 110 V) CS0335-2 (version 230 V)	CS0016	CS0168
Description	Eight relay switching unit	Eight relay switching unit	Three channel suppressor unit for switching channels
Potential free relay	4x C-NO, 4x NC-C-NO	4x C-NO, 4x NC-C-NO	-
Max. voltage	250 VAC	250 VAC	275 VAC
Max. output load per channel	Resistive load: 10 A Capacitive load: 10 A Inductive load: 2 A	Resistive load: 16 A Capacitive load: 16 A Inductive load: 4 A	10 A
Serial communication	RS-485	-	-
Potential free contact input	8	8	-
Test buttons	8	-	-
Indicators	Power Serial channel activity Status of all relays	Power Status of all relays	-
Power supply	230 or 110 VAC / max. 6 VA	230 VAC / max. 6 VA	-
Enclosure	Plastic, DIN rail, 9 M Protection IP20	Plastic, DIN rail, 9 M Protection IP20	Plastic, DIN rail, 2 M Protection IP20
Dimensions	158 x 90 x 58 mm	158 x 90 x 58 mm	36 x 90 x 58 mm
Weight	0.5 kg	0.5 kg	0.1 kg

Dimmers

	PED108	PED202	PET102	PET105
Product code	CS0164-1 (version 110 V) CS0164-2 (version 230 V)	CS0165-1 (version 110 V) CS0165-2 (version 230 V)	CS0244-1 (version 110 V) CS0244-2 (version 230 V)	CS0245-1 (version 110 V) CS0245-2 (version 230 V)
Description	One-channel dimmer	Two-channel dimmer	One-channel dimmer Suitable for electronic transformers	One-channel dimmer Suitable for electronic transformers
Outputs	1	2	1	1
Output load type	Resistive and inductive	Resistive and inductive	Resistive and capacitive	Resistive and capacitive
Max. output load per channel	8 A	2.7 A (max. 4 A total)	2 A	5 A
Over-current protection	Fuse	Fuse	Electronic	Electronic
Serial communication	RS-485	RS-485	RS-485	RS-485
Potential free contact input	2	4	2	2
Test buttons	2	4	2	2
Indicators	Power Serial channel activity Status of output	Power Serial channel activity Status of outputs	Power Serial channel activity Status of output	Power Serial channel activity Status of output
Power supply	230 or 110 VAC / max. 6 VA	230 or 110 VAC / max. 6 VA	230 or 110 VAC / max. 6 VA	230 or 110 VAC / max. 6 VA
Enclosure	Plastic, DIN rail, 6 M Protection IP20	Plastic, DIN rail, 6 M Protection IP20	Plastic, DIN rail, 3 M Protection IP20	Plastic, DIN rail, 6 M Protection IP20
Dimensions	106 x 90 x 58 mm	106 x 90 x 58 mm	53 x 90 x 58 mm	106 x 90 x 58 mm
Weight	0.8 kg	0.5 kg	0.5 kg	0.5 kg

Power Supplies

Wall and Desktop

	CUEadapter-12J24	CUEadapter-24J24	CUEadapter-24P24
Product code	CS0435	CS0436	CS0437
Description	AC/DC switching mode power supply	AC/DC switching mode power supply	AC/DC switching mode power supply
Output	12 VDC / 24 W	24 VDC / 24 W	24 VDC / 24 W
Connector	Power Jack	Power Jack	2-pin, 3.5 mm
Power supply	90 to 240 VAC, , 50/60Hz	90 to 240 VAC, 50/60Hz	90 to 240 VAC, 50/60Hz
Enclosure	Plastic Protection IP40	Plastic Protection IP40	Plastic Protection IP40
Dimensions	94 x 46 x 36 mm	94 x 46 x 36 mm	94 x 46 x 36 mm
Weight	0.2 kg	0.2 kg	0.2 kg

DIN Rail

	CUEadapter-24DIN15	CUEadapter-24DIN30	CUEadapter-24DIN60	DALIpwr
Product code	CS0474	CS0367	CS0368	CS0459
Description	AC/DC switching mode power supply	AC/DC switching mode power supply	AC/DC switching mode power supply	DALI power supply
Output	24 VDC / 15 W	24 VDC / 30 W	24 VDC / 60 W	Max. current 240 mA
Connector	Terminals	Terminals	Terminals	Terminals
Power supply	85 to 264 VAC, 50/60Hz	85 to 264 VAC, 50/60Hz	85 to 264 VAC, 50/60Hz	85 to 264 VAC, 50/60Hz
Enclosure	Plastic, DIN rail, 2 M Protection IP20	Plastic, DIN rail, 5 M Protection IP20	Plastic, DIN rail, 5 M Protection IP20	Plastic, DIN rail, 1 M Protection IP20
Dimensions	25 x 93 x 56 mm	78 x 93 x 56 mm	78 x 93 x 56 mm	17 x 90 x 58 mm
Weight	0.1 kg	0.3 kg	0.3 kg	0.05 kg

Power over Ethernet

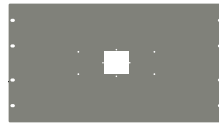|	PoE Adapter	PoE+ Adapter
Product code	CS0327	CS0410
Description	PoE injector IEEE 802.3af compliant	PoE injector IEEE 802.3at compliant
Input	Ethernet, RJ-45 connetor	Ethernet, RJ-45 connetor
Output	Ethernet with PoE, 48 VDC / 15.4 W, RJ-45 connetor	Ethernet with PoE, 56 VDC / 33.6 W, RJ-45 connetor
Power supply	100 to 240 VAC, 50/60Hz	100 to 240 VAC, 50/60Hz
Enclosure	Plastic Protection IP40	Plastic Protection IP40
Dimensions	132 x 60 x 34 mm	140 x 65 x 36 mm
Weight	0.2 kg	0.2 kg

Accessories

Mounting Accessories

	Rack Mounting Kit 5	Rack Mounting Kit 7	Rack Mounting Kit 12	Rack Mounting Shelf
Product code	CS0488	CS0489	CS0490	CS0449
Description	19" rack mounting kit for touchCUE-5-B	19" rack mounting kit for touchCUE-7-B	19" rack mounting kit for touchCUE-12-B	19" rack mounting shelf for tabletop and lightweight controllers
Enclosure	Dural	Dural	Dural	Stainless steel
Dimensions	Rack 19", 2 U 482.6 x 88.1 x 3 mm	Rack 19", 3 U 482.6 x 132.5 x 3 mm	Rack 19", 6 U 482.6 x 265.9 x 3 mm	Rack 19", 1 U 482.6 x 43.5 x 165 mm
Weight	0.4kg	0.6 kg	1.1 kg	1.3 kg

Cables and Adapters

	IR Adapter /i	Opto-Input Adapter /i	Serial IO Cable DTE /i	Serial IO Cable DCE /i
Product code	CS0256	CS0257	CA0181-P05 (length 0.5 m) CA0181-P30 (length 3.0 m) CA0181-PU (user length)	CA0182-P05 (length 0.5 m) CA0182-P30 (length 3.0 m) CA0182-PU (user length)
Description	Infra-red emitter compatible with IR/Serial output and versatile port Mounting on the receiver window with double-sided adhesive tape Cable length 2 m	Photosensitive cell sensor compatible with General I/O and Versatile port Mounting on the indicator with double-sided adhesive tape Cable length 2 m	RS-232 serial cable DTE	RS-232 serial cable DCE
Connectors	2-pin, 3.5 mm	2-pin, 3.5 mm	5-pin, 3.5 mm DB-9-M (controlled device)	5-pin, 3.5 mm DB-9-F (controlled device)

	Serial Cable 5-pin to RJ-14	Serial Cable 3-pin to RJ-14	Current Loop Adapter	UTP Organiser
Product code	CA0183	CA0184	CS0479	CS0422
Description	RS-485 serial cable between controller and power switching units, dimmers and interfaces	RS-485 serial cable between controller and power switching units, dimmers and interfaces	Adapter allowing to connect current loop (0/4 - 20 mA) outputs to versatile port Protection IP00	Brings all 8 pins of RJ-45 connector to 8-pin Phoenix type connector DIN rail compatible Protection IP00
Connectors	5-pin, 3.5 mm RJ-14	3-pin, 3.5 mm RJ-14	2-pin, 3.5 mm, male 2-pin, 3.5 mm, female	8-pin, 3.5 mm RJ-45

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