Home Controller

Wiser Home Control integrates electric, multi-media and telecommunications technologies into a single, user-friendly and interoperable solution. It gives the homeowner the ability to control and monitor lighting, climate, security, blinds, curtains and home audio as well as the availability to view cameras and power consumption. Such tasks can be performed locally or remotely through a variety of devices.

The Wiser Controller has been purpose built onto a platform that enables the installer to configure the product as a Local Area Network (LAN) device - either wired or wirelessly. With the home network connected to the outside world via broadband, the Wiser Controller can function from within the home or remotely. It can be powered from a 24V dc supply or by using Power Over Ethernet (POE).
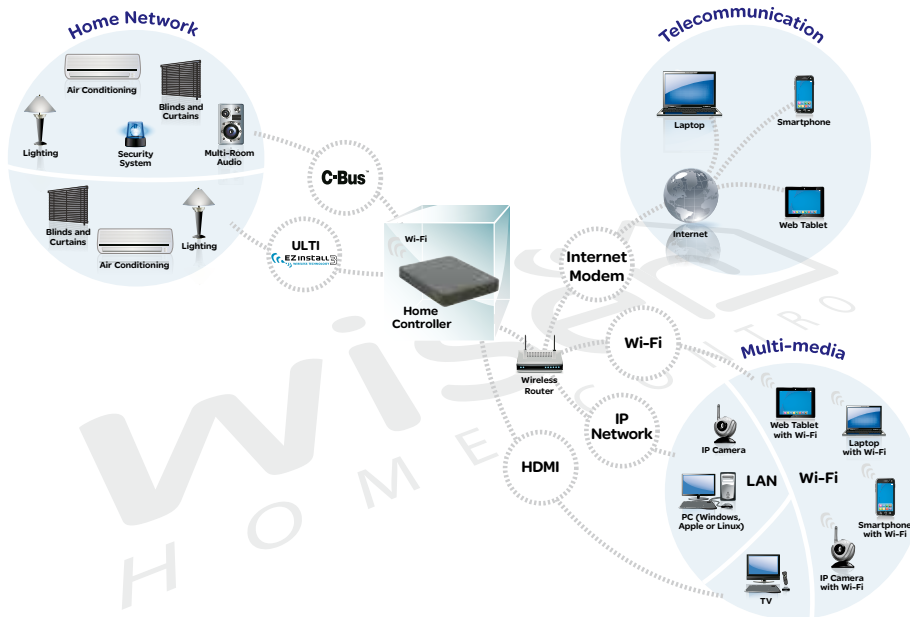
Wiser also offers an HDMI connection so a local TV monitor with HDMI can be connected and the TV's own hand-held remote control can be used to navigate the Wiser User interface (UI)*. Additionally, Wiser supports the connection of a standard USB or Bluetooth keyboard and mouse for navigation of the HDMI UI.

Installers benefit from the all-inclusive platform that includes a physical connection to the C-Bus network or, when a USB dongle is installed, a wireless connection to the ULTI EZinstall3 ZigBee Wireless Home network. The installer can configure the controller locally on site but can also make program changes locally or remotely as well as alter the C-Bus network using the Wiser as a gateway without interrupting communications.

PRODUCT FEATURES

- Ethernet and Wi-Fi based controller for C-Bus System
- Dual internal C-Bus connections that enable the Wiser Controller to remain connected to C-Bus even when configuring C-Bus through Wiser's C-Bus connection using Toolkit programming software
- Supports applications including lighting, climate, blinds/curtains, measurement, multi-room audio and security
- Includes preconfigured Graphical User Interfaces (GUIs) for consistent appearance on all supported devices
- Includes preconfigured 'widgets' to provide consistent graphical components across all interfaces
- Includes wired Ethernet or wireless client connection to home network
- Supports ULTI EZinstall3 ZigBee Wireless Home Network (via additional USB dongle or Ethernet interface)
- GUI can be viewed in a web browser (Flash must be supported), on an iOS device (such as an iPhone), on an Android device or on an HDMI connected monitor
- Supports control of User Interface (UI) on HDMI connected device through Consumer Electronic Control (CEC) codes using the device's own hand-held remote control
- Supports Network Time Protocol (NTP) for accurate time and date retrieval from the Internet
- Includes on-board C-Bus Ripple server for use with C-Bus Multi-Room Audio solution

For HDMI-CEC enabled TVs
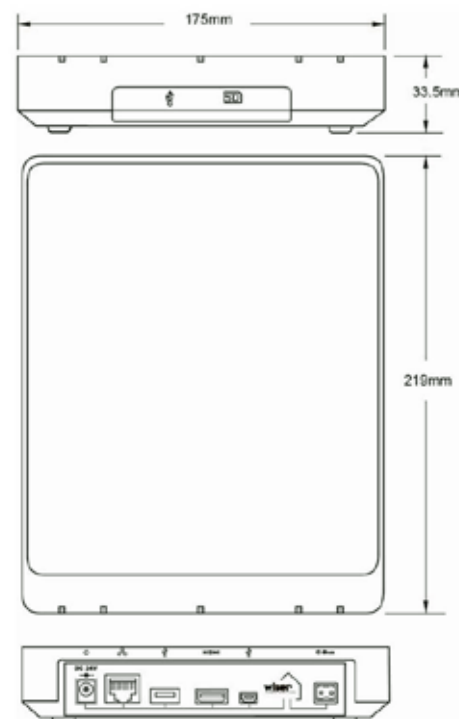
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HARDWARE FEATURES (CONTROLLER)

Interface	**1 x LAN RJ45 socket, supports Power Over Ethernet (POE)** **1 x Socket for 24V dc (power supply)** **1 x HDMI connection** **2 x USB 'A' connections (1 front, 1 rear)** **1 x C-Bus screw terminal connector**
Antenna	**Built-in antenna**

SOFTWARE FEATURES

Internet Connectivity	**• DHCP client** **• Dynamic DNS**
Security	**• WPA, WPA2**
Video Connectivity	**Support for multiple video formats for cameras including motion JPEG.**
Maximum number of C-Bus Application supported	**10**
Maximum number of C-Bus group addresses supported	**255 group addresses on each application (maximum of 500 total)**
Number of programming commands available	**>200**
Maximum number of individual modules in a program	**50**
Number of timers	**20 in-built, >1,000 user definable**
Maximum number of event schedules	**250**
Variable mathematical functions	**Yes**
Schedule events by time	**Yes**
Sunrise/Sunset events	**Yes**
Daylight savings time adjustment	**Yes**
Random time events	**Yes**
Power failure recovery process	**255 group addresses**
Time resolution	**1 second**
Clock accuracy	**1 minute/month** **1 second/1000 years with NTP (not tested)**
Email Client	**POP3, 5 email accounts, email qty, sender and subject**

SPECIFICATIONS

Operating Temperature	**0°C to 45°C**
Operating Humidity	**10-90%, non-condensing**
Power supply — output	**Multi-region, 100-240V ac to 24V dc, 1A plug adapter**
Dimension	**219 (L) x175 (W) x 33.5 (D) mm**
Certification	**FCC, CE**

CATALOGUE NUMBER	DESCRIPTION
WHC2_5918	Wiser Home Control MK2 complete with multi-region power supply