

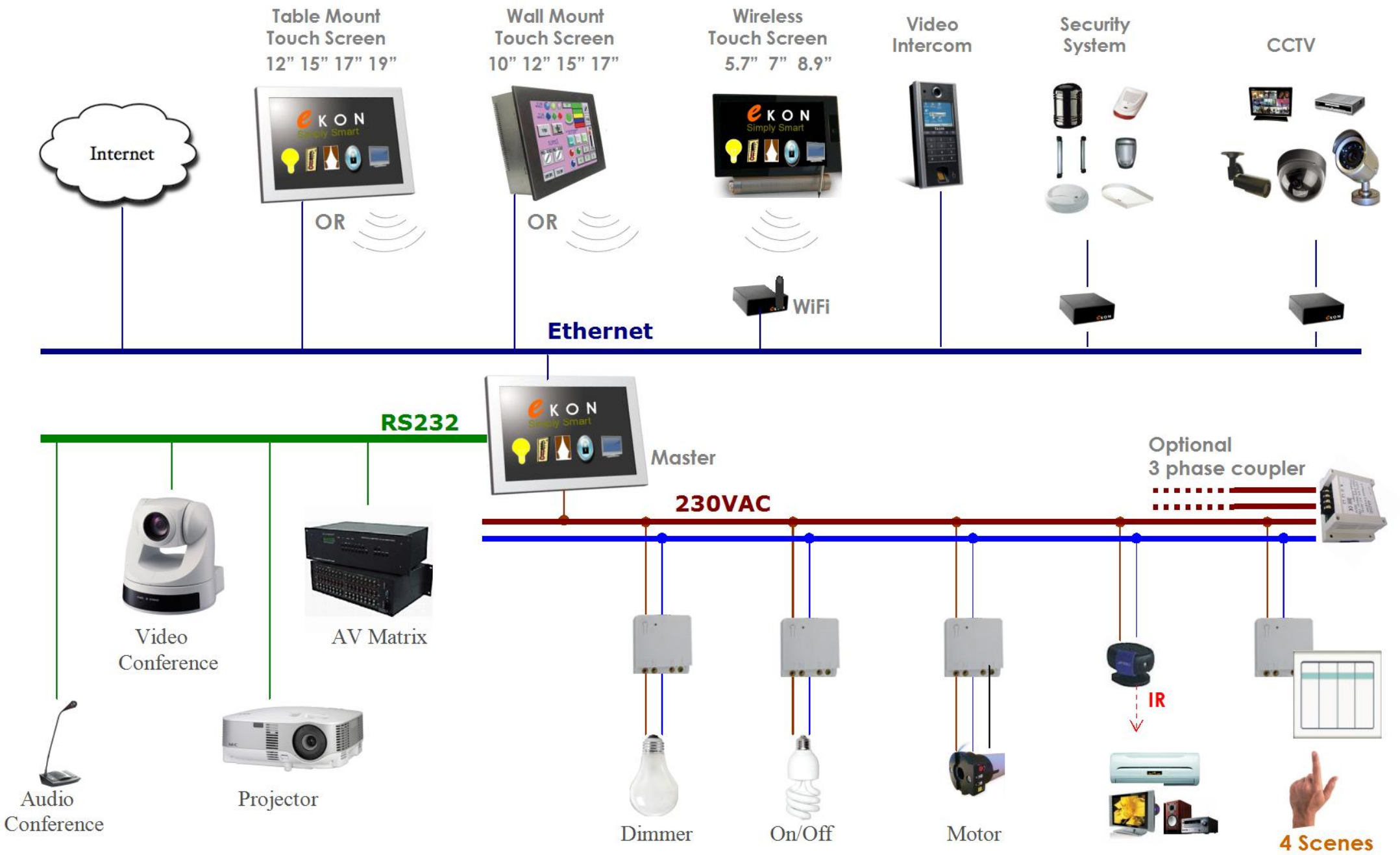
2012 Product Specification Controller



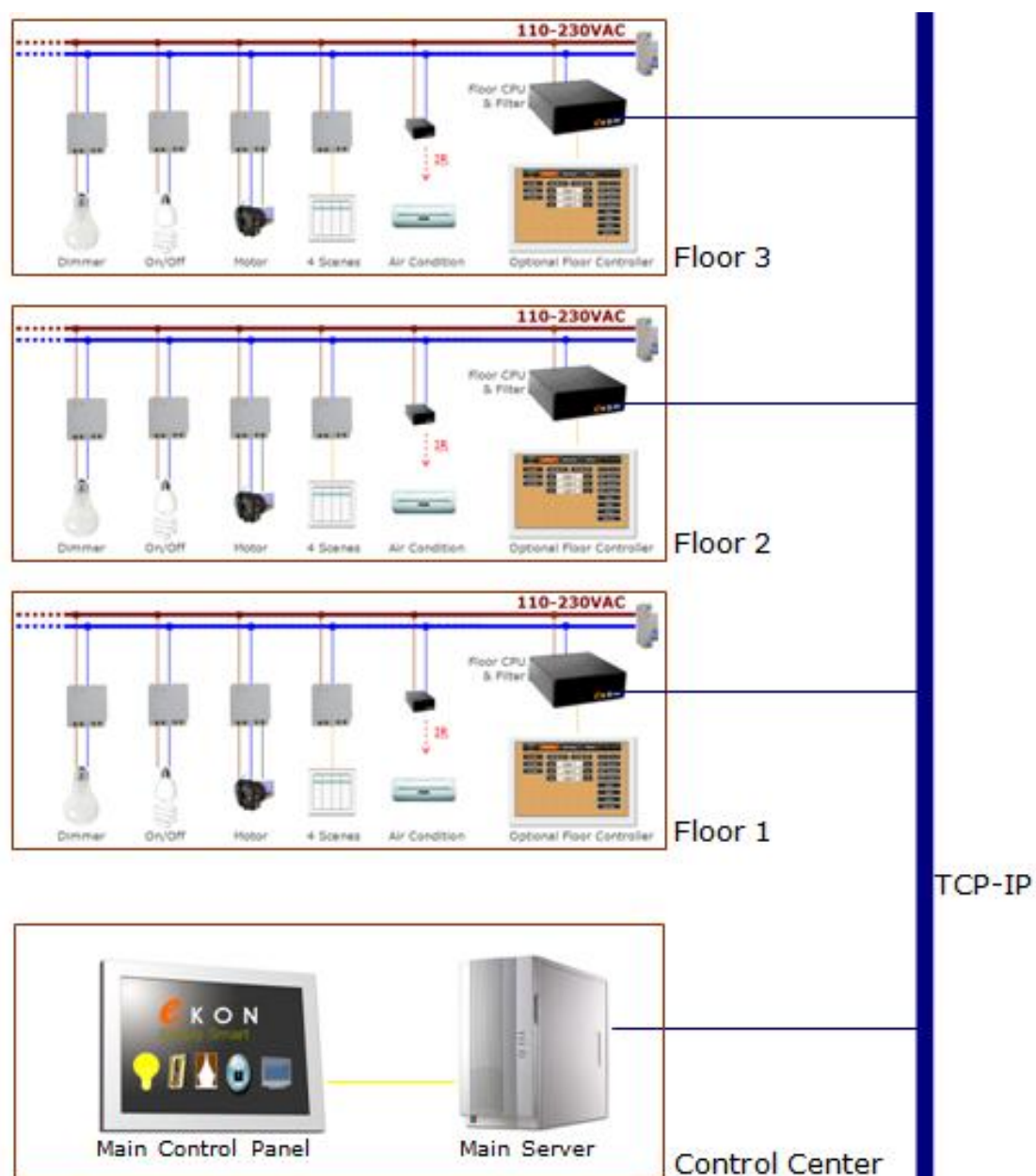
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Simply Smart

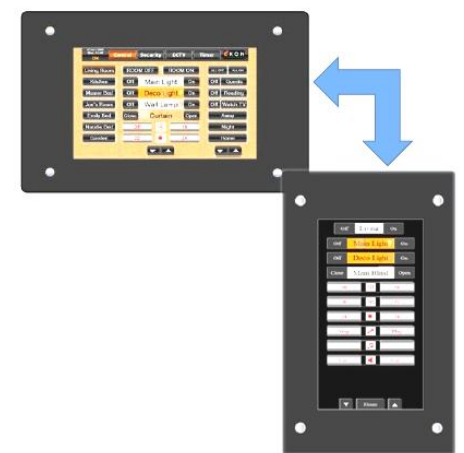
System Layout



Building Automation:



Master Controller 10.2"



Specification

Screen	10 inch touch screen
Language	System in English, Chinese and German. User interface in all languages.
Number of Loads	224 loads (dimmer, on\off, curtains) per Master
Number of Scenes	32 scenes per master (each scene can control all loads)
Master control buttons	Zone On and Off, All loads On and Off
EKON PLC reliability	High resistance to power line noise – 99.8% reliable
EKON PLC Speed	Signal Respond within 0.4 seconds (1 phase) Signal Respond within 0.8 seconds (3 phase)
EKON PLC Distance	At least 1000 meters from controller
Control Communication	EKON PLC
EKON PLC communication	Receive Status Request - 2 way communication
Number of Timers	5 Weekly timers for each Module and for each Scene
Timer Conditions	Away mode, Night mode, Holiday mode and Home mode
Alarm Interface	Via PLC
Security Lighting	Random lights in Away Mode during night time
CCTV Interface	Via Ethernet (TCP-IP)
RS485	Optional 2 ports
RS232	Optional 2, 4, 7 or 14 ports. Each control 224 commands (expandable)
RS232 protocol	ASCII and HEX (in any combination)
Internet Control	✓
iPhone control	✓
Plug & Play technology	✓
Voltage	220-240VAC, 50Hz



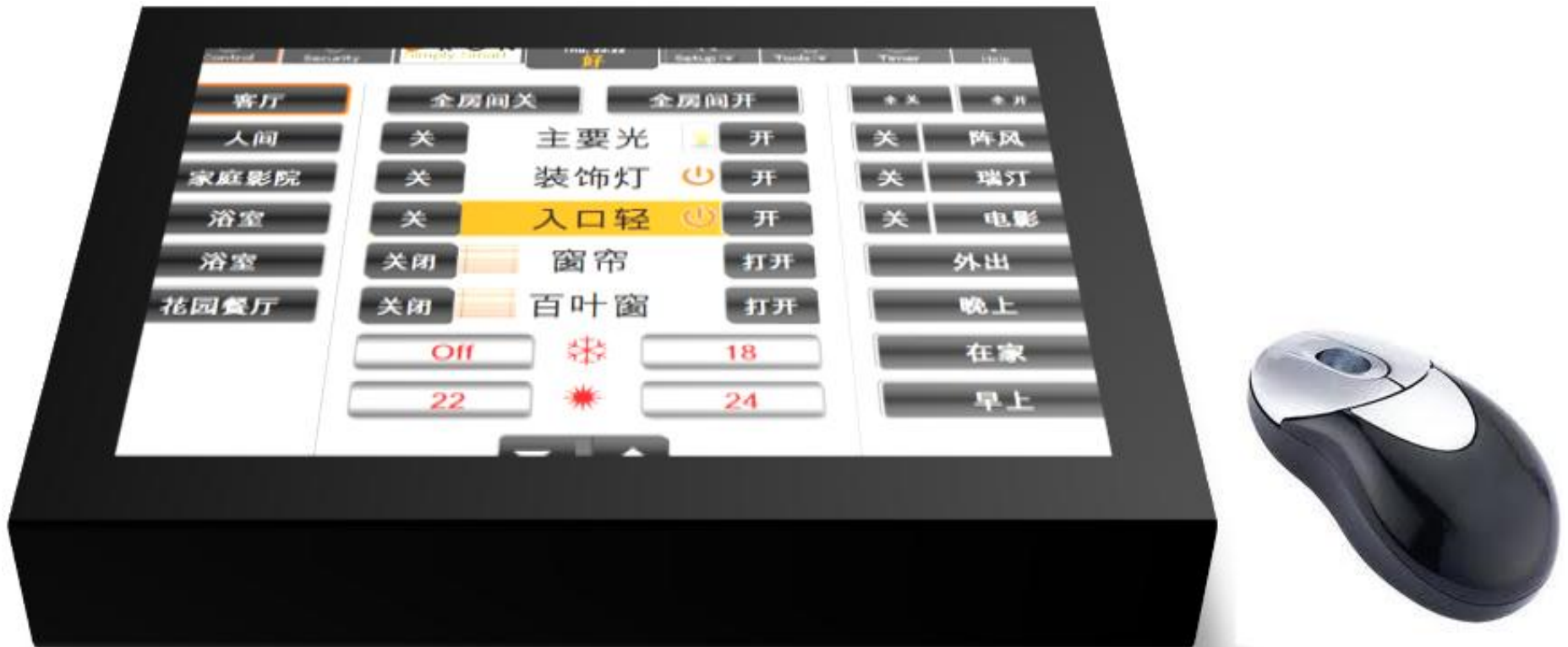
Master Controller 19”



Specification

Screen	19 inch touch screen
Language	System in English, Chinese and German. User interface in all languages.
Number of Loads	224 loads (dimmer, on\off, curtains) per Master
Number of Scenes	32 scenes per master (each scene can control all loads)
Master control buttons	Zone On and Off, All loads On and Off
EKON PLC reliability	High resistance to power line noise – 99.8% reliable
EKON PLC Speed	Signal Respond within 0.4 seconds (1 phase) Signal Respond within 0.8 seconds (3 phase)
EKON PLC Distance	At least 1000 meters from controller
Control Communication	EKON PLC
EKON PLC communication	Receive Status Request - 2 way communication
Number of Timers	5 Weekly timers for each Module and for each Scene
Timer Conditions	Away mode, Night mode, Holiday mode and Home mode
Alarm Interface	Via PLC
Security Lighting	Random lights in Away Mode during night time
CCTV Interface	Via Ethernet (TCP-IP)
RS485	Optional 2 ports
RS232	Optional 2, 4, 7 or 14 ports. Each control 224 commands (expandable)
RS232 protocol	ASCII and HEX (in any combination)
Internet Control	✓
iPhone control	✓
Plug & Play technology	✓
Voltage	220-240VAC, 50Hz

Master Controller 10.2" LCD



Specification

Screen	10 inch LCD
Language	System in English, Chinese and German. User interface in all languages.
Number of Loads	224 loads (dimmer, on\off, curtains) per Master
Number of Scenes	32 scenes per master (each scene can control all loads)
Master control buttons	Zone On and Off, All loads On and Off
EKON PLC reliability	High resistance to power line noise – 99.8% reliable
EKON PLC Speed	Signal Respond within 0.4 seconds (1 phase) Signal Respond within 0.8 seconds (3 phase)
EKON PLC Distance	At least 1000 meters from controller
Control Communication	EKON PLC
EKON PLC communication	Receive Status Request - 2 way communication
Number of Timers	5 Weekly timers for each Module and for each Scene
Timer Conditions	Away mode, Night mode, Holiday mode and Home mode
Alarm Interface	Via PLC
Security Lighting	Random lights in Away Mode during night time
CCTV Interface	Via Ethernet (TCP-IP)
RS485	Optional 2 ports
RS232	Optional 2, 4, 7 or 14 ports. Each control 224 commands (expandable)
RS232 protocol	ASCII and HEX (in any combination)
Internet Control	✓
iPhone control	✓
Plug & Play technology	✓
Voltage	220-240VAC, 50Hz

Wireless iPhone and iPad control



7" Wireless Touch screen (slave)



Specification

7"WVGA wide-screen

Resolution of 1024*600

TFT LCD true color screen.

The communication with EKON controller is wireless via WIFI 802.11b/g.



15", 17", 19" Wall Mount Touch screen (slave)

15"



17"



19"



The communication with EKON's master controller is via TCP/IP



Other available sizes: 10", 15", 17", 19", 22" (wall or table mount)