

HORIZONE

WEB SERVER

SUPERVISION ENVIRONMENT FOR INTELLIGENT BUILDINGS

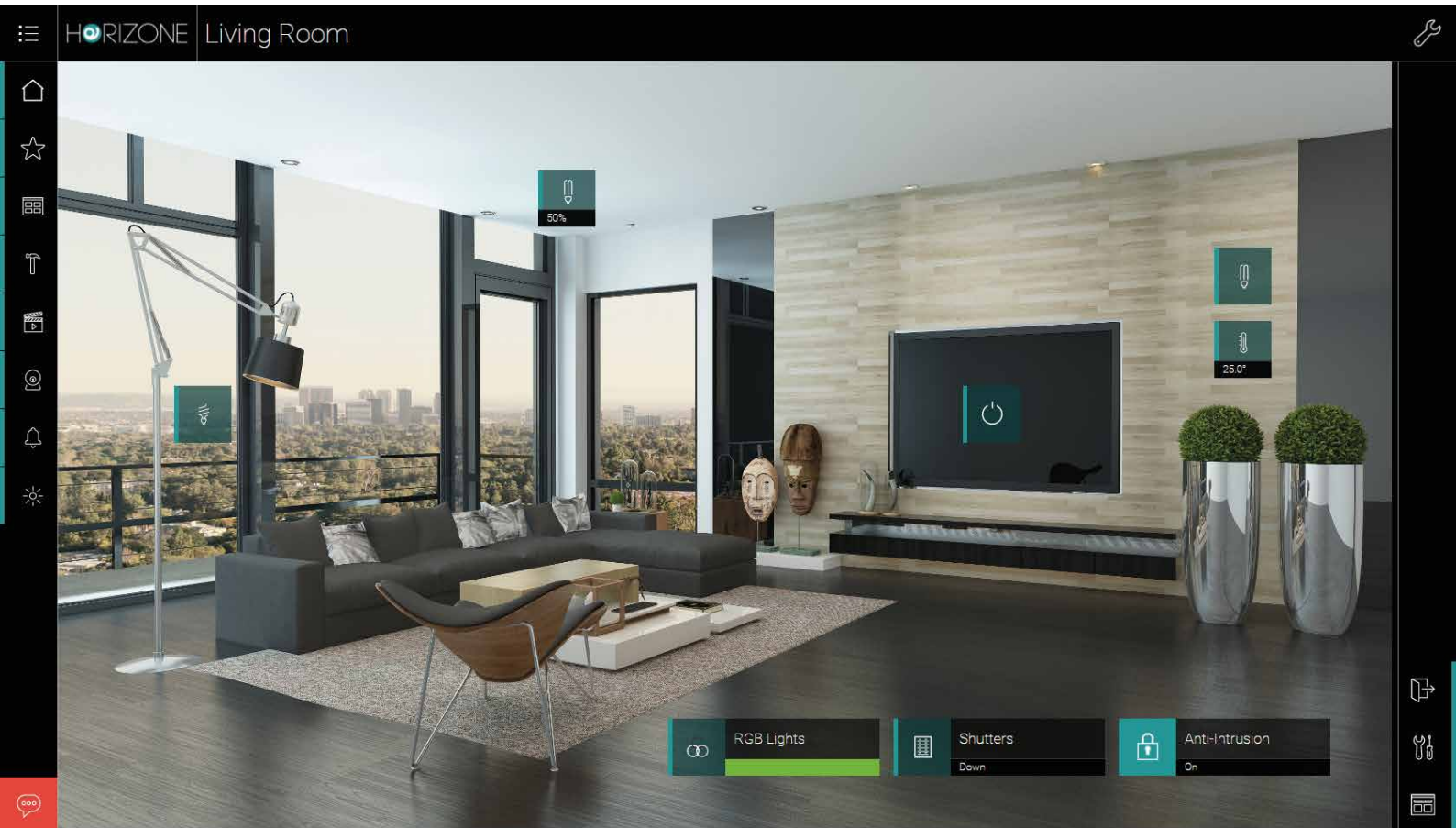
RESIDENTIAL



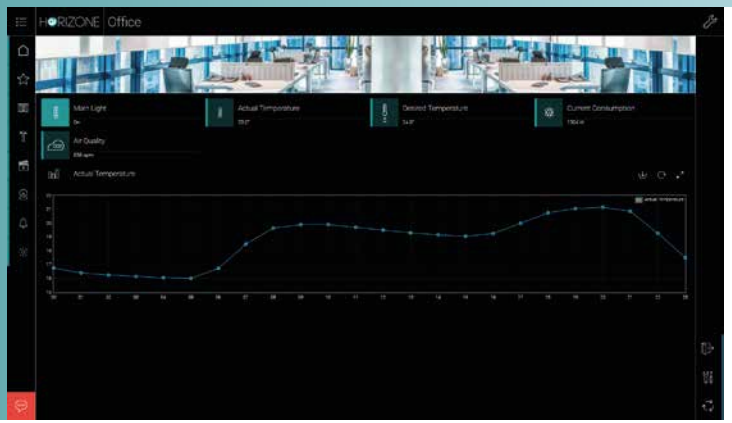
HORIZONE is the ideal solution to manage every technological sub-systems for home evolution: lighting, blinds/shadows, temperature, loads control, power consumptions, door intercom system, irrigation system, security cameras, alarm system, music/video.

The system HORIZONE has been designed to deliver full control in an installation with one only tool. Easy access from Pc/Mac or mobile devices, from your house or from remote.

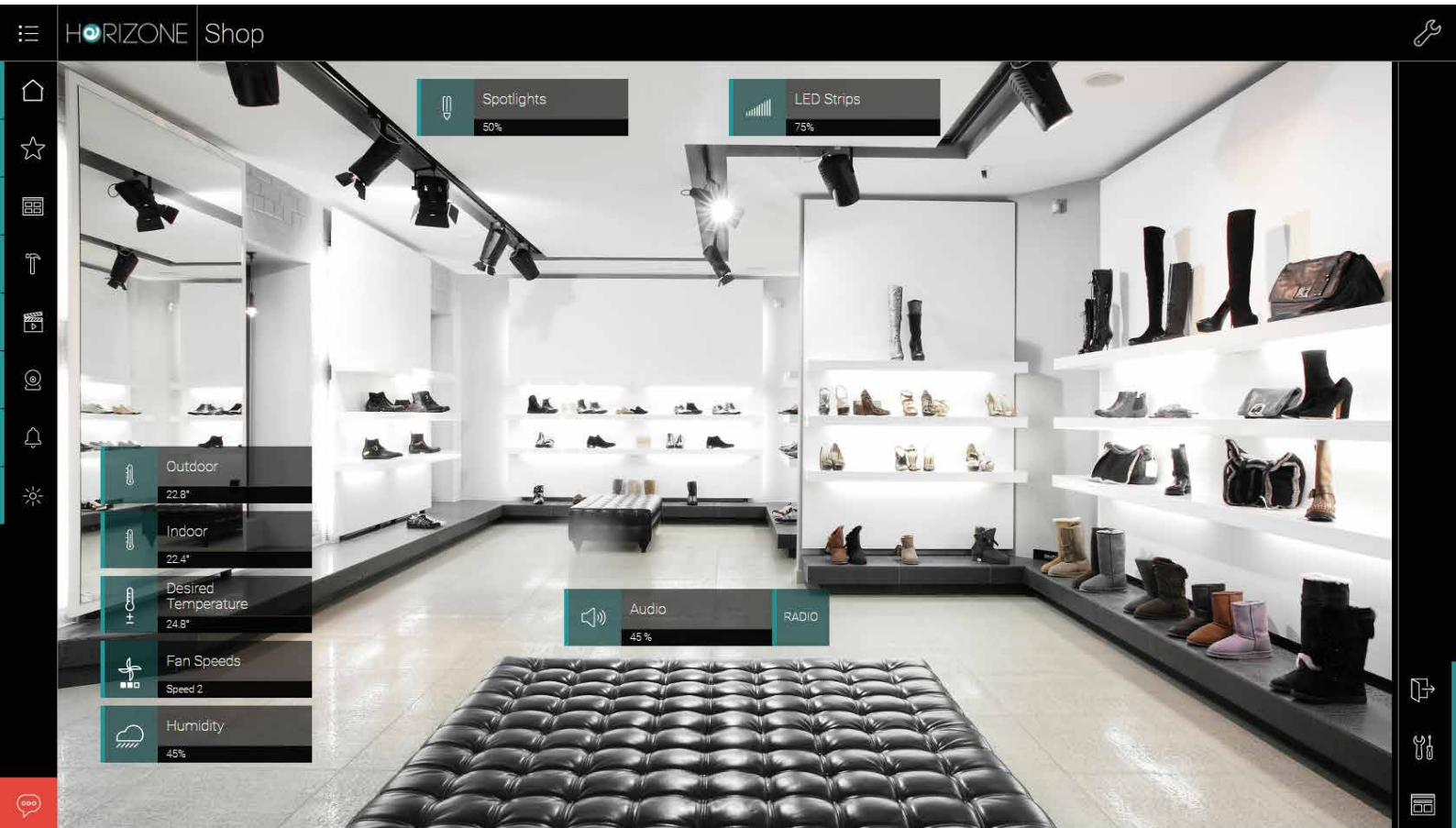
Built over a reliable and powerful software architecture, HORIZONE allows users with many possibilities to create scenarios, logics, and advanced controls with simplicity.



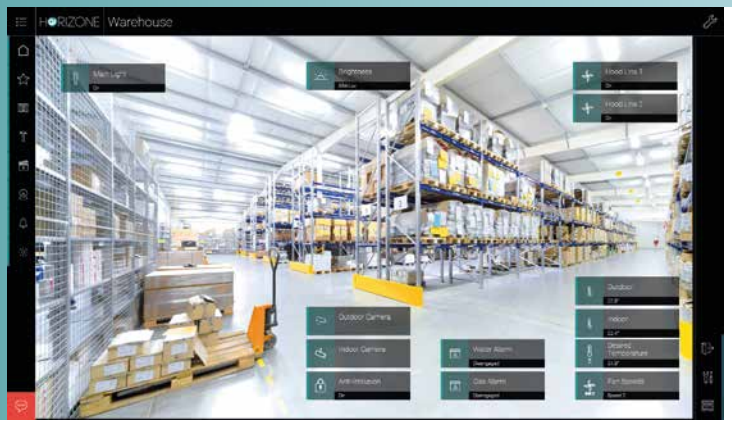
BUILDING AUTOMATION



HORIZONE available in different sizes, is the perfect solution either for small environments, like professional studios, shops, showrooms and for extended applications in commercial malls, office buildings, sport complexes, hospitals. Dedicated centralised management functions are also available for multi-facility corporations, as for shops or delocalised manufacturing sites. The solution is scalable, from small to more complex installations, also in steps and with no changes to the process and architecture. Moreover, the system is not requiring any working PC in the installation.

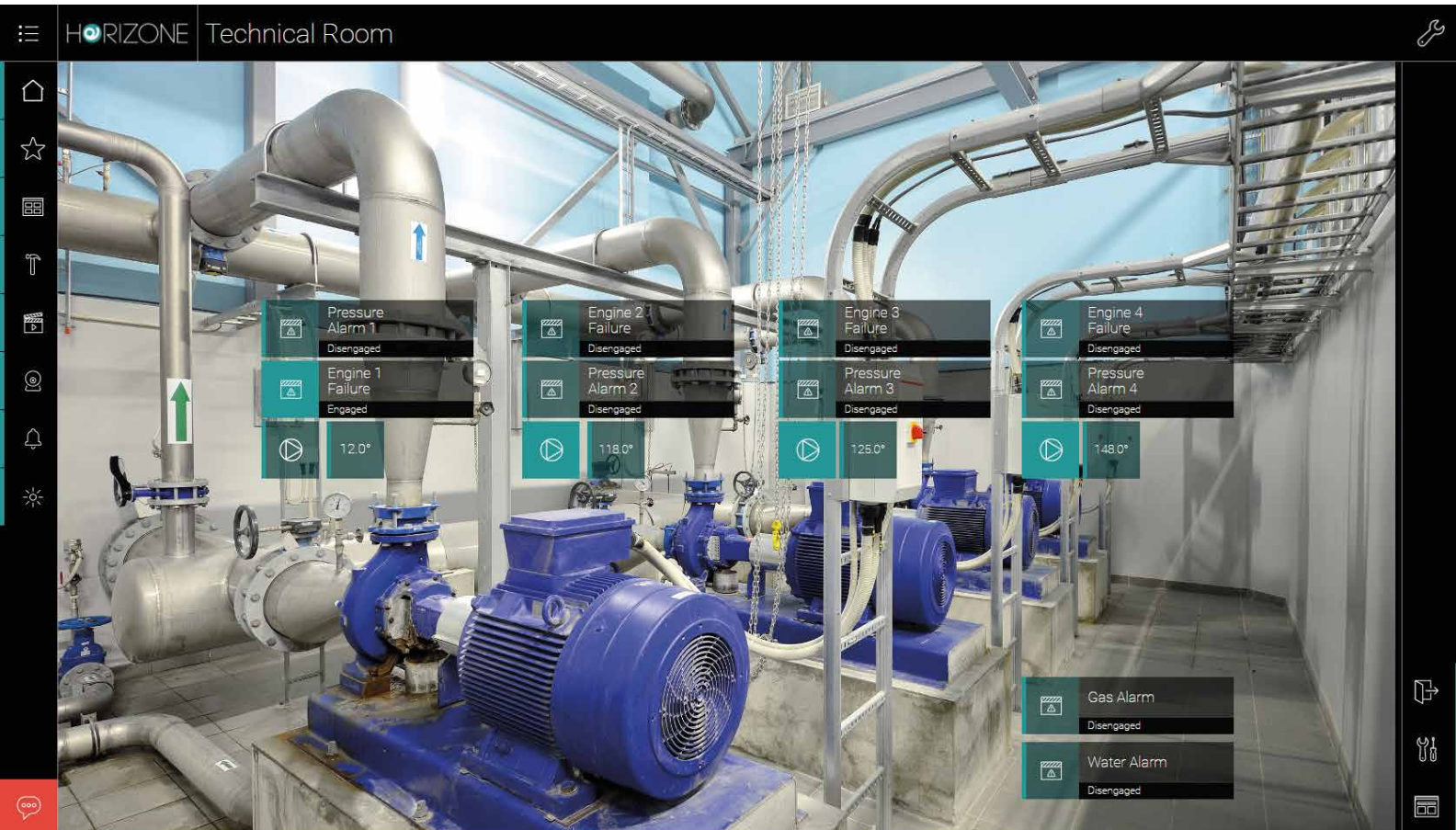


INDUSTRIAL WORKPLACE AUTOMATION

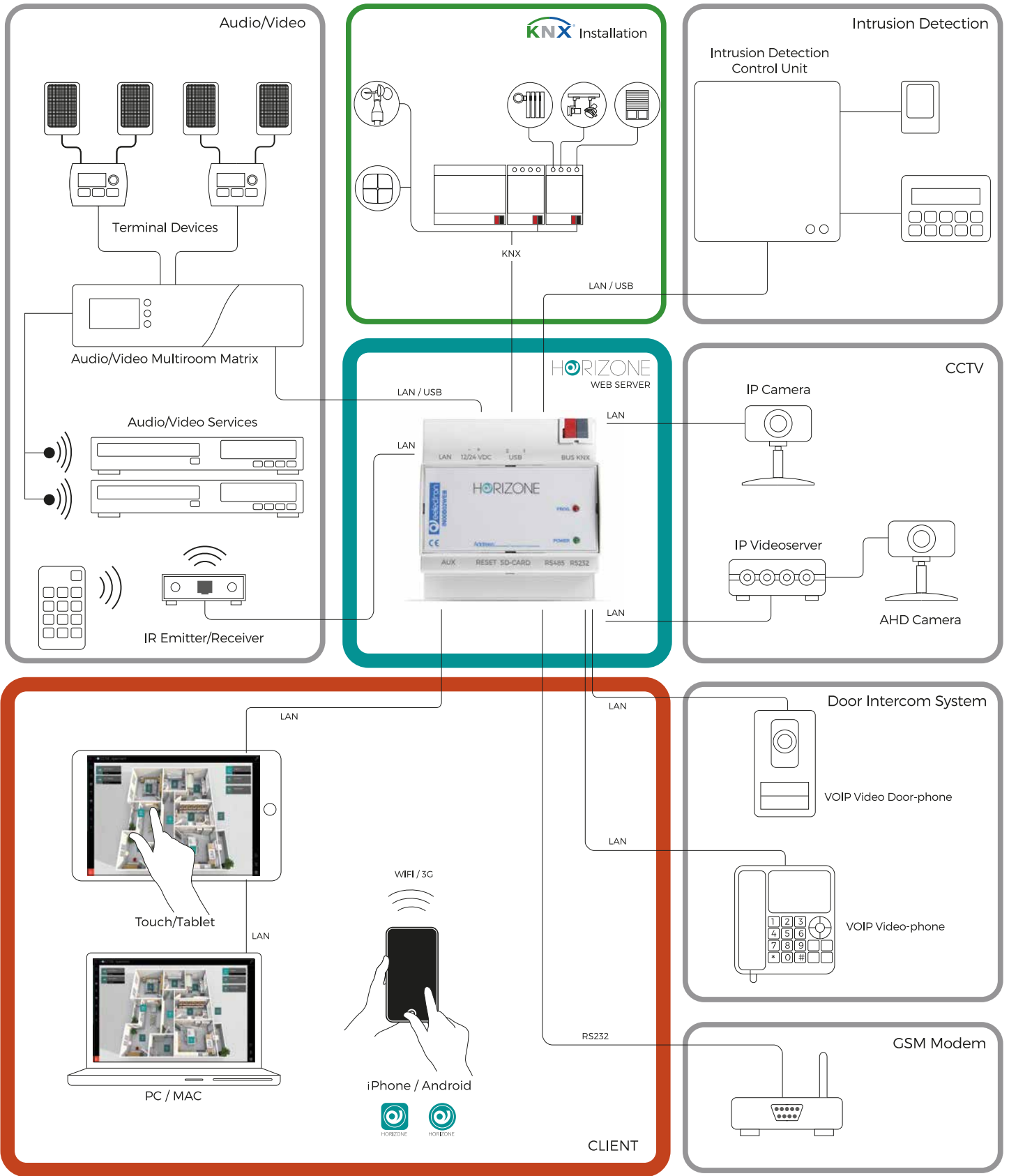


HORIZONE delivers high end automation to production sites and industrial buildings. The robust hardware and product construction quality are matching with product reliability, stability and immunity to disturbs and interferences.

HORIZONE offers compatibility to Modbus protocol, without using external interfaces. It is now possible to integrate in one only supervision system signals coming from other layers and to manage meters, control units, sensors, PLC, SCADAS that are working in the environment over different subsystems - to be integrated in graphical pages displaying values and status, as to integrate HVAC advanced controls.



TECHNICAL DETAILS



SIZES

	KNX GROUP ADDRESSES	SCENES	LOGICS	AREAS	LOADS	CAMERAS	ORDER CODES
Horizone Web Server 200 KNX group addresses	200	30	30	UNLIMITED	10	UNLIMITED	IN00B02WEB
Upgrade up to 800 KNX group addresses	800	100	100	UNLIMITED	20	UNLIMITED	IN00B03UPG
Upgrade up to 1400 KNX group addresses	1400	100	100	UNLIMITED	40	UNLIMITED	IN00B04UPG

** On demand Horizone Upgrade over 1400 KNX group addresses

HARDWARE FEATURES

Supply	12 ... 24VDC										
Power consumption	180mA @12V ; 110mA @24V										
Communication Ports	<table border="0"> <tr> <td>KNX</td> <td>Standard bus connector red/black</td> </tr> <tr> <td>RS232 (1x)</td> <td>Screw connector</td> </tr> <tr> <td>RS485 (1x)</td> <td>Screw connector</td> </tr> <tr> <td>USB 2.0 (2x)</td> <td></td> </tr> <tr> <td>LAN (1x)</td> <td>RJ-45 jack (10/100 Mbps)</td> </tr> </table>	KNX	Standard bus connector red/black	RS232 (1x)	Screw connector	RS485 (1x)	Screw connector	USB 2.0 (2x)		LAN (1x)	RJ-45 jack (10/100 Mbps)
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RS232 (1x)	Screw connector										
RS485 (1x)	Screw connector										
USB 2.0 (2x)											
LAN (1x)	RJ-45 jack (10/100 Mbps)										
Reset	Push button on the bottom of the case										
LED	<table border="0"> <tr> <td>Red (1x)</td> <td>Reset in progress/allarms</td> </tr> <tr> <td>Green (1x)</td> <td>Power ON</td> </tr> </table>	Red (1x)	Reset in progress/allarms	Green (1x)	Power ON						
Red (1x)	Reset in progress/allarms										
Green (1x)	Power ON										
Protection	IP20 (according to EN 60529)										
Isolation class	II (according to EN 60335-1)										
Operative temperature	0°C ... +50°C										
Dimensions	88x90x62 mm ; 5 DIN modules										
Case materials	Thermoplastic self-extinguishing material										

SOFTWARE FEATURES

Standard technologies	KNX RS-232 / RS-485 / TCP
Software licenses	MODBUS Bentel Elmo/IESS Tecnoalarm Tutondo Vivaldi VoIP / SIP
User interface	Web / HTML5 App iOS / Android
Number of clients	Unlimited
Simultaneous connections	Up to 20
Features	Lighting Heating / cooling Blinds / shutters Irrigation HVAC Alarms Power consumption Loads management Weather IP Camera Door intercom system (with SIP standard) Security system Audio / video
Web compatibility	Apple Safari Google Chrome Mozilla Firefox Microsoft Edge Opera
Operating System compatibility	Apple Mac OSX Microsoft Windows Linux Apple iOS Google Android
Navigation	Customizable pages Navigation by building-topology Navigation by functions
Advanced functions	Scenarios with parametrical wait functions Boolean logics Thresholds and value comparators Mathematical operations
Users and security	Unlimited users SSL internet secure access

ADDITIONAL SOFTWARE MODULES

ORDER CODES	DESCRIPTION
IN00B02MBS	MODBUS Module for HORIZONE WS
IN00B02BEN	BENTEL Module for HORIZONE WS
IN00B02IES	ELMO/IESS Module for HORIZONE WS
IN00B02TEC	TECNOALARM Module for HORIZONE WS
IN00B02TUT	TUTONDO Module for HORIZONE WS
IN00B02VIV	VIVALDI Module for HORIZONE WS
IN00B02VOI	VoIP Module for HORIZONE WS

