

KNX

SMART BUILDING CONTROL

The Global Standard for
Intelligent Building Automation

Integrated control of lighting, HVAC, blinds, and other building systems over a single network. Operate via Touch Panel, Smartphone, Tablet or Web Browser and seamlessly integrate with BMS for greater efficiency, comfort and flexibility.



KEY FEATURES



Intelligent Lighting Control

Control on/off, dimming and color temperature by area and time.



Scene Management

Create unlimited scenes for any situation with one touch.



Daylight Harvesting

Automatically adjust lighting based on natural daylight.



Occupancy Control

Work with motion and presence sensors for automatic operation.



Blind & Curtain Control

Automate blinds and curtains to reduce heat gain and glare.



HVAC Integration

Connect and control HVAC for energy saving and comfort.



Energy Monitoring

Monitor energy usage, dashboard and trend analysis.



Time Scheduling

Schedule operations, holiday calendar and automatic events.



Remote Access

Control your building anytime, anywhere via mobile or web.



Building Integration

Seamless integration with BMS, DALI, BACnet, Modbus and more.

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BENEFITS



Energy Efficiency

Reduce energy consumption and operational cost.



User Comfort

Create a comfortable environment that enhances productivity and well-being.



Flexible Architecture

Adapt to any building design and future changes with ease.



Open Standard

KNX is a global open standard ensuring interoperability and long-term investment.



Reliable & Scalable

Proven reliability for projects of any size, from small to enterprise.



APPLICATIONS

KNX adapts to every type of building, delivering smart control, comfort and efficiency.



SYSTEM OVERVIEW

KNX provides a flexible, secure and open platform that integrates all building systems for smarter control and greater efficiency.



Open & Interoperable



Secure & Reliable



Flexible & Scalable



Energy Efficient



Future Ready

ABB KNX Smart Touch

Intelligent Control. Effortless Elegance.

Key Features



INTUITIVE CONTROL

Lights, blinds, climate
in one touch



SCENE MANAGEMENT

Create perfect ambiance
instantly



ENERGY EFFICIENCY

Monitor and optimize
consumption



SECURE INTEGRATION

Seamless KNX standard.



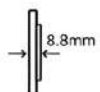
ABB

ABB KNX Yurika

Versatile. Ingenious in one.



LCD DISPLAY
(Custom text and icons)



SLIM DESIGN
(Sleek 8.8mm profile)



TACTILE BUTTONS
(User-friendly control)



HOSPITALITY
(Cardless presence detection)



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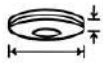
ABB KNX Busch-Presence Tech

Intelligent Sensing. Efficient Control.



PRESENCE DETECTION

Targeted lighting and HVAC control.



360° DETECTION RANGE

Optimized room brightness and coverage.



HVAC INTEGRATION

Optimal climate management.



WIDE AREA COVERAGE

Comprehensive 10m detection diameter.



DAYLIGHT CONTROL

Maintains optimal illumination using natural ambient light levels.



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ABB KNX Lighting Control Module

Precision Lighting. Flexible Control.

Key Features



DALI-2 INTEGRATION

Seamlessly manage DALI networks.



PRECISE DIMMING

Smooth control for any luminaire type.



ZONE MANAGEMENT

Create and manage flexible lighting zones.



REAL-TIME DIAGNOSTICS

Monitor health and report luminaire faults.



0/1-10V DIMMING

Simple, established analog control interface.



PHASE-CUT DIMMING

Compatible with traditional dimmable loads.



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