



Tahoma Switch

Bridging powerful functionality with refined, intuitive design. Modular 1, 2, 3, 4, 5, 6, or 8-button momentary push-button control with interchangeable buttons and Cat5e connectivity.

SKU	CATEGORY	CONNECTIVITY	REVISION
CYN-SWX-{n}-{W/B}	Switches	Cat5e / RJ-45	Rev 1.2 — Sep 2026

Tahoma Switch

MODULAR SWITCH

The Canyon Tahoma delivers flexible, momentary push-button control through a modular button system. Available in 1, 2, 3, 4, 5, 6, or 8-button configurations, each switch connects via a single Cat5e cable to the Olympus Room Controller for plug-and-play installation. The integrated zone selector switch on the rear allows instant zone assignment without software.

CONTROL TYPE	Momentary Push Button
CONFIGURATIONS	1, 2, 3, 4, 5, 6, or 8 Button
CONNECTION	RJ45 Cat5e T568B
PROTOCOL	CAN Bus
INPUT POWER	12 VDC Class 2 (SELV) via Cat5e
CONSUMPTION	< 1W
ZONE SELECTOR	Integrated (rear DIP)
LED FEEDBACK	Status LED per button
MOUNTING	Standard single-gang box
COLORS	White, Black
FINISHES	Brushed Brass, Brushed Aluminum, Anodized Aluminum



Choose Your Configuration

ONE FRAME, INFINITE POSSIBILITIES



1-BUTTON

CYN-SWX-1-B



2-BUTTON

CYN-SWX-2-B



4-BUTTON

CYN-SWX-4-B



8-BUTTON

CYN-SWX-8-B

1-2 Button

Best for single zone non-dimming on/off control. Simple, clean interface for basic switching needs in offices, restrooms, and corridors.

4 Button

Best for single zone dimming control. Pairs with Dial functionality for on/off plus raise/lower dimming in conference rooms and open offices.

8 Button

Best for 2 zones of dimming control or complex multi-zone setups. Each button is individually programmable for scenes, groups, and presets.

Unified Design

All Tahoma button configurations (1-8) share the same frame; only the center faceplate changes — interchangeable across Tahoma configurations only.



WHITE

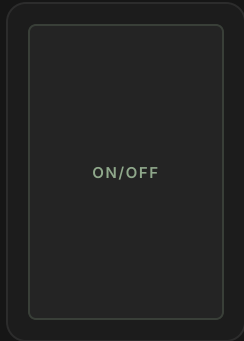


BLACK

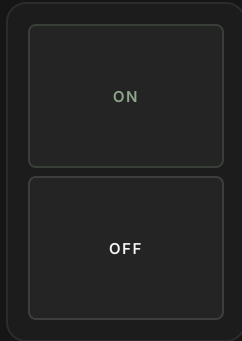
BUTTON PROGRAMMING OPTIONS

Default Labeling

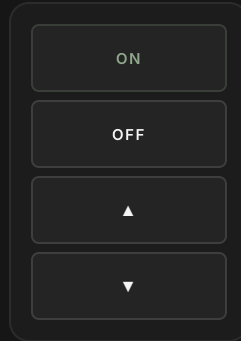
Each Tahoma button is individually programmable: ON, OFF, ON/OFF, Raise/Lower, Scene, or Group. All wireframes below show the same outer frame — only the interior button layout changes per configuration.



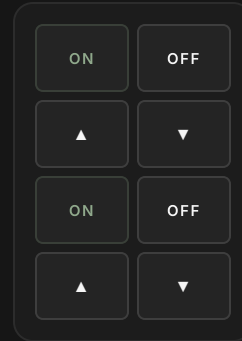
1-BUTTON
CYN-SWX-1



2-BUTTON
CYN-SWX-2

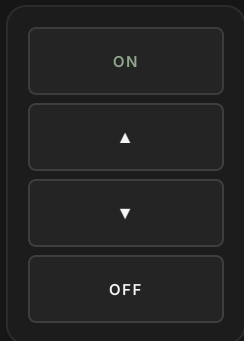


4-BUTTON
DIMMING
CYN-SWX-4

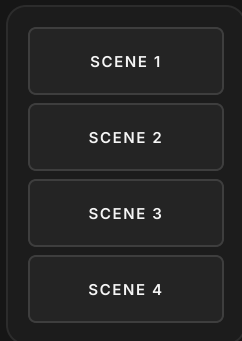


8-BUTTON
2-ZONE DIM
CYN-SWX-8

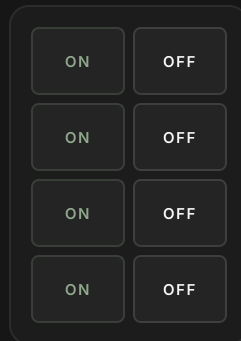
ALTERNATE LABELING OPTIONS



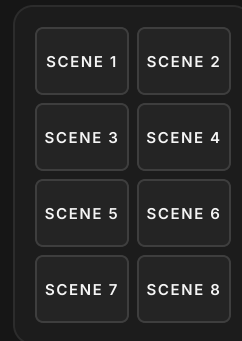
4-BUTTON
TOGGLE + DIM



4-BUTTON
SCENE SELECT

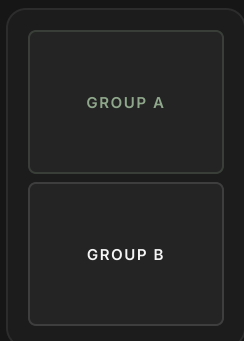


8-BUTTON
4-ZONE ON/OFF

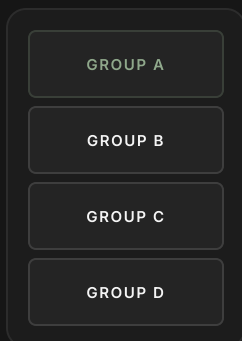


8-BUTTON
8-SCENE

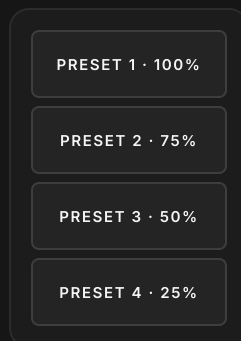
GROUP & PRESET CONFIGURATIONS



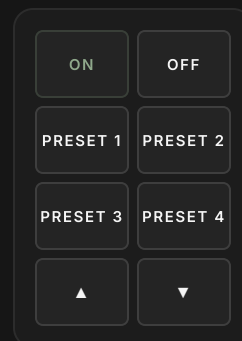
2-BUTTON
GROUP



4-BUTTON
GROUP



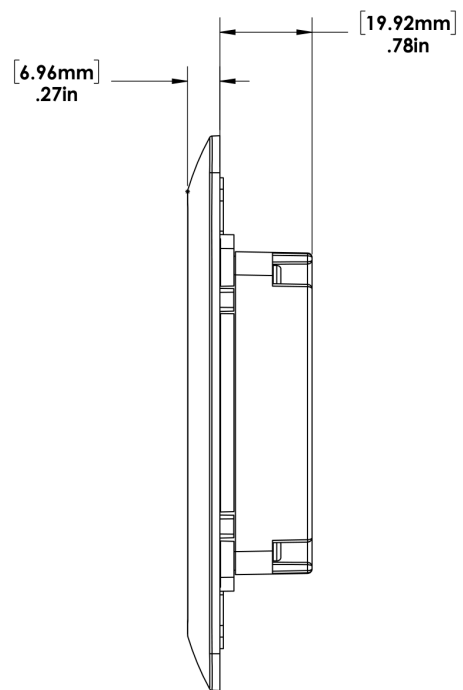
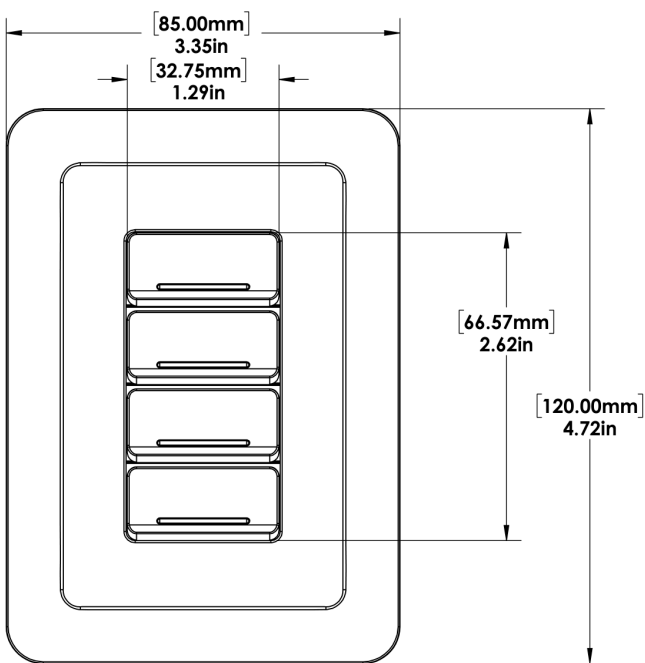
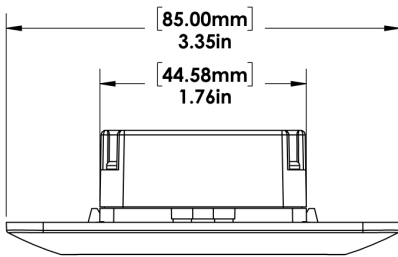
4-BUTTON
LEVEL PRESET



8-BUTTON
PRESET + DIM

Mechanical Drawings

PRODUCT DIMENSIONS — OT-SWITCH-FOURBUTTON-ASSEMBLY · SHEET 2 OF 3



DIMENSIONS IN MM [IN] · MATERIAL: ABS · THIRD-ANGLE PROJECTION · 4-BUTTON SHOWN — ALL CONFIGURATIONS SHARE THE SAME FRAME AND FOOTPRINT



Specifications

ELECTRICAL & ENVIRONMENTAL

PARAMETER	VALUE
Input Voltage	Class 2 low voltage (via Cat5e from Olympus Room Controller)
Power Consumption	< 1W
Control Type	Momentary Push Button
Configurations	1, 2, 3, 4, 5, 6, or 8 Button
Connection	RJ45 Cat5e T568B
Protocol	CAN Bus
Network Topology	Daisy chain or home-run to Olympus Room Controller
LED Feedback	Status LED per button
Zone Selector	Integrated rear DIP switch
Button Programming	ON, OFF, ON/OFF, Raise/Lower, Scene, Group
Mounting	Standard single-gang box (depth ≥ 2.5")
Operating Temp	32°F to 131°F (0°C to 55°C)
Storage Temp	-15°F to 160°F (-26°C to 71°C)
Humidity	0–90% non-condensing
Dimensions	4.72" × 3.35" (120 × 85 mm) faceplate; 0.78" (19.9 mm) rear depth — see Mechanical Drawings
Colors	White, Black
Faceplate	Interchangeable center panel (across Tahoma configurations)

ENERGY CODE COMPLIANCE

- ASHRAE 90.1
- IECC
- TITLE 24 PART 6
- MULTI-LEVEL LIGHTING
- RECEPTACLE CONTROL

LISTINGS & WARRANTY

ETL Listing (Intertek)	Certification in progress — to ANSI/UL 916
cETLus (Canada)	Certification in progress — CSA C22.2 No. 205
FCC Part 15 Class B	Testing not yet completed
RoHS Compliant	Yes
Warranty	5-Year Limited

DISCLAIMER

© 2026 Canyon Controls. All rights reserved. Subject to change without notice. Canyon Controls warrants to the original purchaser that this product, at the time of its sale by Canyon Controls, is free of defects in materials and workmanship under normal and proper use for five years from the purchase date. Canyon Controls' only obligation is to correct such defects by repair or replacement, at its option. This warranty does not cover damage resulting from accident, misuse, or unauthorized modification. Canyon Controls is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to or loss of use of any equipment, lost sales or profits, or delay or failure to perform this warranty obligation.