



1080p Full HD
Video Quality



Control Your
Lights Remotely



Sound & Motion
Detection Alerts



Air Quality Sensor



Temperature Sensor



Humidity Sensor



DKZ-2015

KOMFY™ SWITCH WITH CAMERA

Features

Premium Resolution and Visibility

- Full HD 1080p resolution image quality
- 3 megapixel progressive CMOS sensor
- See up to 16 feet in complete darkness with built-in IR LEDs
- Supports H.264 video codecs
- 130° field of view for wider camera coverage
- 2x digital zoom for close-up viewing

Home Environment Sensors

- Sound and motion detection with push alert notifications
- microSD/SDHC card slot for local recording based on motion trigger¹
- Humidity, temperature, lighting and air quality sensors with push alert notifications

Connectivity

- Uses Wi-Fi technology so you can install virtually anywhere with ease
- Komfy app support for iPhone® and iPad®²
- View and manage remotely using just your mobile device

IFTTT Support

- Works with IFTTT enabled products and apps
- IFTTT configuration available within Komfy app and on https://ifttt.com/komfy_sxc

Overview

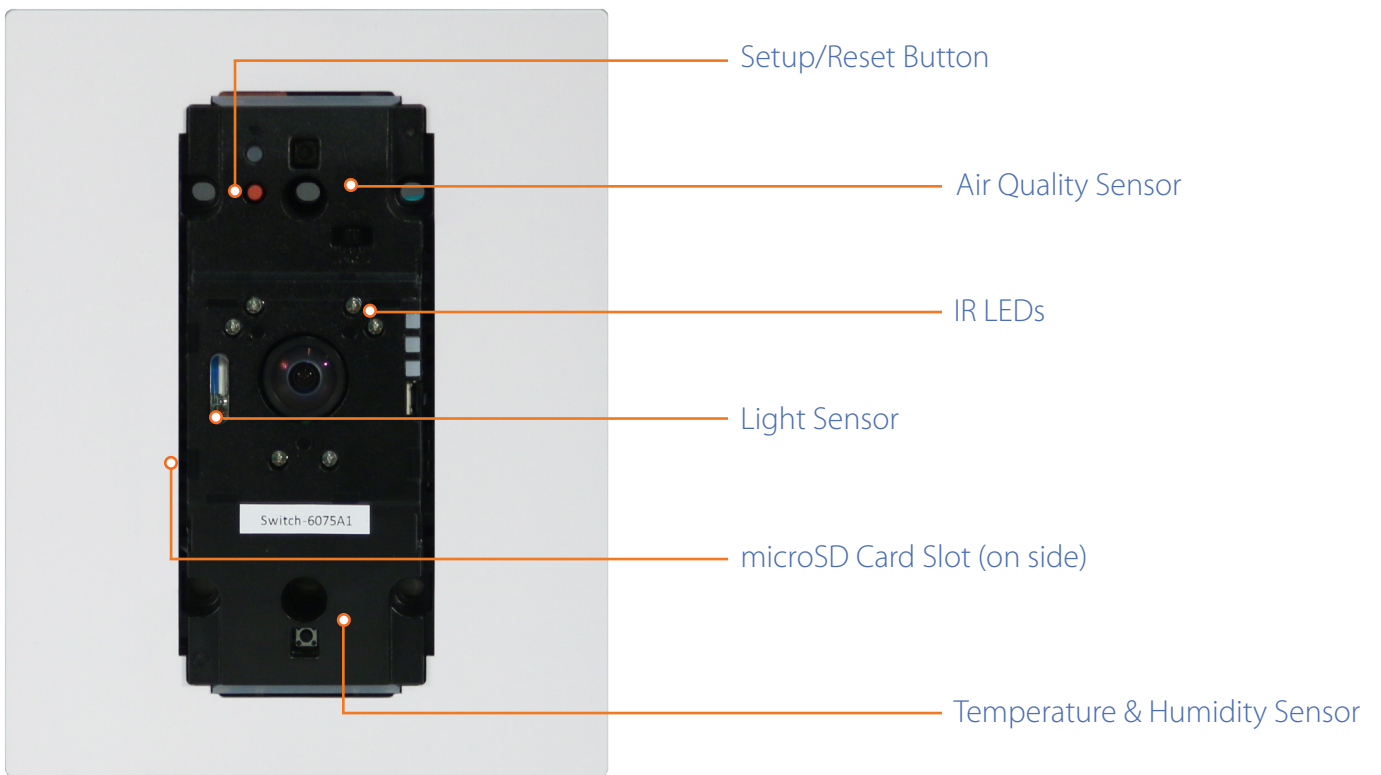
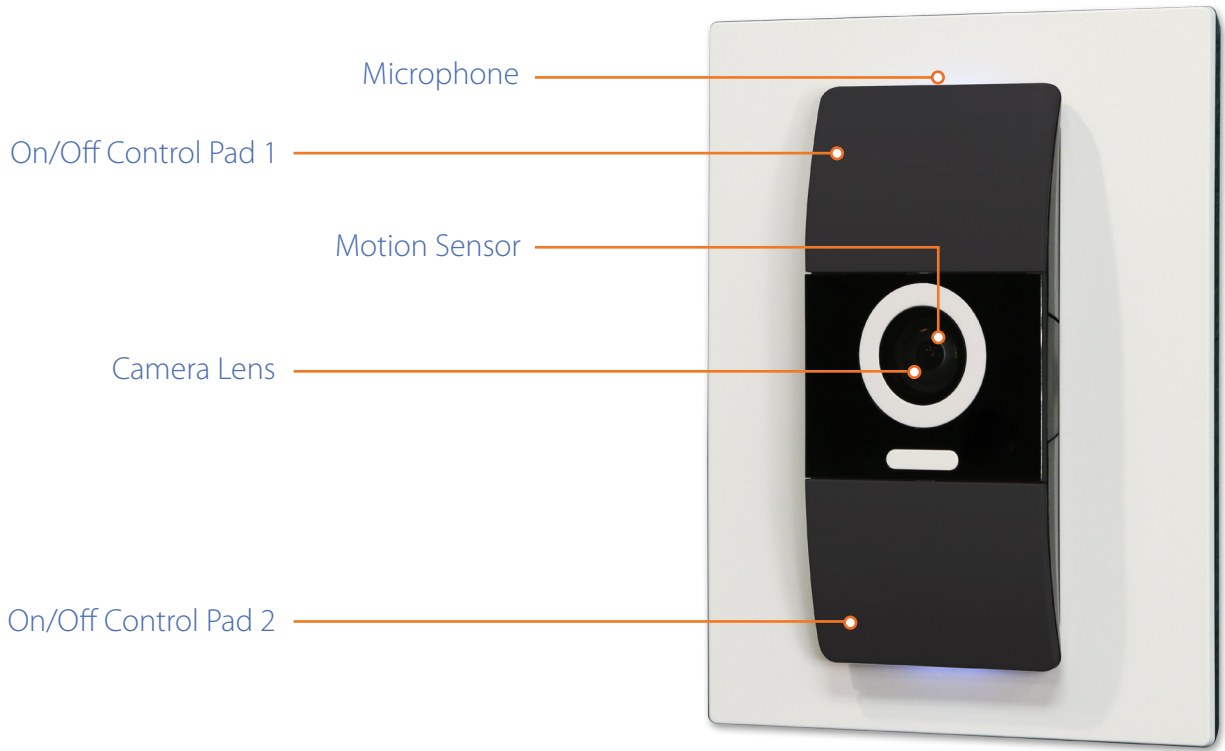
The Komfy™ Switch with Camera (DKZ-2015) is more than a smart light switch - it's a camera and sensor that detects all kinds of things around your home, and lets you know when something's not right. Designed to replace a standard 1 or 2 gang light switch³, Komfy lets you control your lights with your mobile device, monitor your home day or night with a Full HD camera and detect changes within your home's environment, including motion or sound detection. Stream live Full HD 1080p video to your smartphone or tablet with the free Komfy app or automatically record footage to your Komfy account or microSD card up to 64 GB for complete home security.

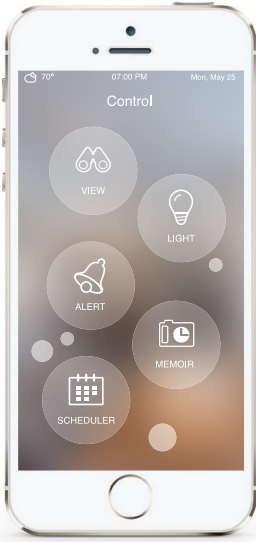
Come Home to Something Safer And Brighter

Environment sensors for temperature, humidity and air quality make sure you know the condition of your home at all times - letting you address a problem before it becomes a disaster. The stylish design still gives you manual control of your light switch but with the Komfy app it's easy to control and schedule your lights. Choose between the white or black version for the Komfy that fits in beautifully within your home. And with IFTTT support, it's easy to pair the Komfy Switch with Camera with other IFTTT-enabled products and apps to customize your smart home.

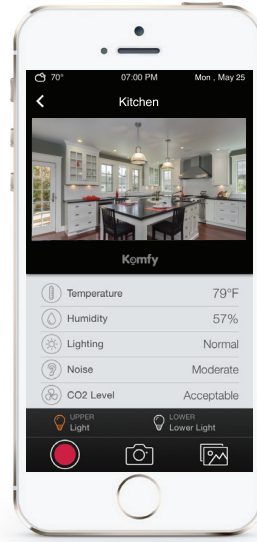
Always Know with the Free Komfy App

With the free Komfy app, you can easily view live and recorded video, schedule or control your lights, get sound or motion detection alerts, or quickly check environmental stats like temperature, humidity levels and air quality - all using your iPhone or iPad. The Komfy app also allows you to store unlimited video footage to a free cloud account for 8 days, before recording over on a first-in, first-out basis⁴. Setup is easy with the Komfy app and a mobile device supporting Bluetooth 4.0 - replace your standard light switch and follow the steps on the app to set up and start controlling and monitoring your home.

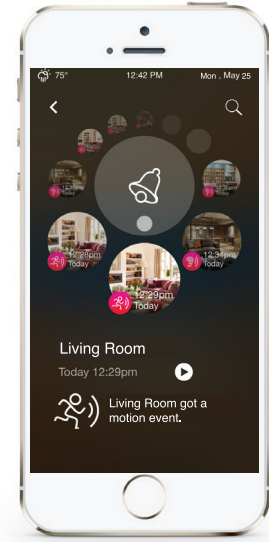




View and manage all of your Komfy devices with the easy-to-use mobile app available for iOS devices



Check environmental stats, control individual light switches and record/playback video clips



Enable detection sensors to automatically send push notifications to your mobile device

Technical Specifications

Camera

Hardware Profile	<ul style="list-style-type: none"> • 1/3" 3 megapixel progressive CMOS sensor • 16 feet IR illumination distance • Minimum illumination: 10 lux with IR LEDs on • 2x digital zoom • Focal length: 2.8 mm • Aperture: F2.54 	<ul style="list-style-type: none"> • Angle of view: <ul style="list-style-type: none"> • (H) 130° • (V) 64.6° • (D) 130° • Minimum object distance: 5 inches • Built-in microphone - omni-directional for up to 16 feet
Image Features	<ul style="list-style-type: none"> • Automatic white balance, exposure and gain control 	<ul style="list-style-type: none"> • Time stamp and text overlays
Video Compression	<ul style="list-style-type: none"> • Supports H.264 format compression 	<ul style="list-style-type: none"> • JPEG for still images
Video Resolution	<ul style="list-style-type: none"> • 1920 x 1080 at up to 30 fps • 1280 x 720 at up to 30 fps 	<ul style="list-style-type: none"> • 640 x 352 at up to 30 fps • 320 x 176 at up to 30 fps
Audio	<ul style="list-style-type: none"> • AAC 	

Light Switch

Support	<ul style="list-style-type: none"> • Incandescent, fluorescent and halogen bulbs up to 600 watts • LED and CFL bulbs up to 150 watts 	<ul style="list-style-type: none"> • Motor switch (ie turns motorized fan on/off - cannot change speed or settings) up to 1/2 HP (horsepower) per connected switch
External Device Interface	<ul style="list-style-type: none"> • On/Off Click Pad #1 • On/Off Click Pad #2 • Setup/Reset Button (under click pad cover) 	<ul style="list-style-type: none"> • microSD Card Slot (under click pad cover) • microUSB Power Connector (not for operation)

Environmental Sensors

Temperature & Humidity Sensor	<ul style="list-style-type: none"> • Temperature measurement range is 32 to 113 °F (0 to 45 °C) • Accuracy is +/- 1.3 °F or 0.3 °C 	<ul style="list-style-type: none"> • Humidity measurement range is 0 - 100% RH (relative humidity) • Accuracy is +/- 3% RH
-------------------------------	--	--

Air Quality Sensor	<ul style="list-style-type: none"> Air quality and CO₂ measurement range is 0-2,000 ppm (parts per million) 	<ul style="list-style-type: none"> The display of air quality status on the Komfy app is: <ul style="list-style-type: none"> Acceptable (0 - 700 ppm) Stifling (701 - 1000 ppm) Drowsy (1001 - 2000 ppm)
Light Sensor	<ul style="list-style-type: none"> Light measurement range is 0 - 2,000 lux 	<ul style="list-style-type: none"> The display of lighting conditions on the Komfy app is: <ul style="list-style-type: none"> Bright (1001 - 5000 lux) Normal (401 - 1000 lux) Dim (201 - 400 lux) Dark (51 - 200 lux) Very Dark (11 - 50 lux) Pitch Black (0 - 10 lux) or Night Vision
Sound Sensor	<ul style="list-style-type: none"> Measures ambient noise with built-in microphone and sensitivity of -42 dB Sensor provides detection event triggers for automatic alerts 	<ul style="list-style-type: none"> The display of ambient noise on the Komfy app is: <ul style="list-style-type: none"> Faint (0 - 39 dB) Moderate (40 - 59 dB) Very Loud (60 - 89 dB) Extremely Loud (90 - 119 dB) Painful (120+ dB)
Motion Sensor	<ul style="list-style-type: none"> Proximity detection within the camera hardware when object is within 6.5 feet from Komfy device 	
IFTTT		
Compatibility	<ul style="list-style-type: none"> Komfy Switch with Camera is compatible with any IFTTT-enabled product or app 	<ul style="list-style-type: none"> IFTTT Recipes and applicable Triggers/Actions can be found at https://ifttt.com/komfy_sxc
Network		
Security	<ul style="list-style-type: none"> 2-way SSL authentication based on PKI (Public Key Infrastructure) 	<ul style="list-style-type: none"> 2048bit key length WSS Protocol (WebSocket Secure)
Wireless Connectivity	<ul style="list-style-type: none"> 802.11n/g wireless with WPA/WPA2 encryption Operates on 2.4GHz and 5GHz frequency bands 	<ul style="list-style-type: none"> Supports Bluetooth 4.0 (necessary for setup) 2 internal antennas for reliable Wi-Fi connection
Recording		
microSD Card Slot	<ul style="list-style-type: none"> Supports microSD/SDHC up to 64 GB Clip length: maximum 50 seconds 	<ul style="list-style-type: none"> Motion detection triggered video recording with 3-second pre-trigger buffer
Komfy Cloud Recording	<ul style="list-style-type: none"> 8 day cloud storage - cycled on a first-in, first-out basis Memoir - time lapse recording per day Clip length: maximum 50 seconds 	<ul style="list-style-type: none"> Motion detection triggered video recording with 3-second pre-trigger buffer
Remote Access		
Remote Management	<ul style="list-style-type: none"> Setup via iOS mobile device supporting Bluetooth 4.0 and above Configure settings through the Komfy mobile app 	<ul style="list-style-type: none"> One-Click combos include Home, Away, Bedtime, Wake Up and My Click Additional user(s) require account owner authorization
Mobile Support	<ul style="list-style-type: none"> Komfy app for iPhone 4S and iPad 2 or later with iOS 7 or higher 	<ul style="list-style-type: none"> Setup requires iOS mobile device with Bluetooth 4.0
General		
Weight	<ul style="list-style-type: none"> 1 lb 	
Power	<ul style="list-style-type: none"> 5 V DC 100-240 VAC, 50/60 Hz 	<ul style="list-style-type: none"> microUSB (not for operation)
Power Consumption	<ul style="list-style-type: none"> Average: 7 watts 	<ul style="list-style-type: none"> Peak: 9 watts
Temperature	<ul style="list-style-type: none"> Operating: 32 to 113 °F (0 to 45 °C) 	<ul style="list-style-type: none"> Storage: -4 to 158 °F (-20 to 70 °C)
Humidity	<ul style="list-style-type: none"> Operating: 20% to 80% non-condensing 	<ul style="list-style-type: none"> Storage: 5% to 95% non-condensing

DKZ-201S KOMFY SWITCH WITH CAMERA

Certifications	<ul style="list-style-type: none"> FCC UL 	<ul style="list-style-type: none"> IC
Dimensions (H x W x D)	<ul style="list-style-type: none"> With lens & front panel: 6.34 x 5.00 x 2.36 inches Min. electrical box req. for installation : 3 x 2 x 2 inches 	<ul style="list-style-type: none"> Without lens & front panel: 5.91 x 3.14 x 2.17 inches
Package Contents	<ul style="list-style-type: none"> Komfy Switch with Camera 1 face plate (large enough for 1 or 2 gang) 1 set of click pads (top & bottom) Quick install guide 	<ul style="list-style-type: none"> Screws x 4 Wiring labels x 5 Wiring caps x 5
Warranty	<ul style="list-style-type: none"> 1-Year Limited 	<ul style="list-style-type: none"> Warranty and regulatory details can be found at http://support.dlink.com/warranty
Order Information		
Part Number	Description	
DKZ-201S/W	Komfy Switch with Camera (White)	
DKZ-201S/D	Komfy Switch with Camera (Black)	

¹ A microSDHC Class 6 card or above is recommended (not included). Supports card capacities up to 64GB.

² Mobile device must have Bluetooth 4.0 for setup only.

³ The Komfy Switch with Camera is designed for installation in standard electrical boxes and to be installed in accordance with National Fire Protection Association (NFPA 70). If you are not sure about any part of the instructions, consult a qualified electrician to perform the installation.

⁴ Use of audio or video equipment for recording the image or audio of a person without their knowledge and consent is prohibited in certain states or jurisdictions. The end-user assumes all liability for compliance with applicable state, local and federal laws.

For more information

U.S.A. | 17595 Mt. Herrmann Street | Fountain Valley, CA 92708 | 800.326.1688 | dlink.com

©2016 D-Link Corporation/D-Link Systems, Inc. All rights reserved. D-Link, the D-Link logo and Komfy logo are trademarks or registered trademarks of D-Link Corporation or its subsidiaries in the United States and/or other countries. Other trademarks or registered trademarks are the property of their respective owners. iPhone and iPad are registered trademarks of Apple Inc.



Updated February 2016

