

USB™ 4K ULTRA HD Webcam with 5x Digital Zoom Remote Control

macOS® / Windows® / Chrome OS™ Compatible

MODEL: JVCU435



The JVCU435 4K Ultra HD webcam offers ePTZ (electronic pan, tilt, and zoom) functionality with the remote control, making it ideal for users to change viewing angles without physically adjusting the webcam. The built-in low light enhancement feature helps you look your best even under a dim light. Its 4K image sensor with up to 8 MP capture, and a wide-angle field-of-view, easily accommodates different meeting spaces while providing excellent video quality.

FEATURES

- Built-in low light enhancement (ultra-low illumination 0.5 lux, F/1.6 aperture lens)
- Includes remote control for 5x digital zoom & ePTZ functionality
- Built-in high-fidelity dual microphones
- Privacy cover
- Supports H.264 and MJPEG image formats
- Maximum support 4K/30 FPS & 1080P/30 FPS image resolution
- High definition 4K image sensor with up to 8 MP capture
- Compliant with standard UVC 1.0/1.1/1.5 & UAC protocol, driver-free
- USB™ plug-and-play (Compliant with USB™ 2.0 / USB™ 3.0, 500 mA)
- Supports Windows®/macOS®/Chrome OS™ systems (Windows Vista™/XP are not supported)
- Wide compatibility: Zoom™, Facebook™ Messenger, Skype™, Microsoft Teams™, etc.

SYSTEM REQUIREMENTS

- Available USB-C® or USB™ Type-A port
- Windows® 10
- macOS® with UVC support
- Chrome OS™ with UVC support
- Operating systems compliant with standard UVC 1.0/1.1/1.5 & UAC support

HARDWARE

Image Sensor	1/2.8" CMOS Sensor
Effective Pixels	3840(H) × 2160(V)
Megapixels	8 million pixels (8MP)
Display FOV	Horizontal : 70°
Maximum Refresh Rate	30 Hz
Signal Noise Ratio	> 50 dB
Video Streaming	H.264 : 3840 x2160/ 2560 x 1440/1920 x 1080/1280 x 720/640 x 480/640 x 360
	MJPEG : 3840 x2160/ 2560 x 1440/1920 x 1080/1280 x 720/640 x 480/640 x 360
	YUV2 : 640 x 360 / 640 x 480 / 320 x 240
Frame Rate	4K @ 30FPS/1080P @ 30 FPS /720P @ 30FPS/ 480P @ 30 FPS/360P @ 30FPS/ 240P@ 30FPS
Shutter Style	Auto Electronic Shutter (AES)

Microphone	High-Fidelity Stereo Mic
Protocol	UVC 1.0/1.1/1.5 & UAC
Video Output	USB™ Video Streaming
Operating Voltage & Current	DC5V/500 mA ±15 mA

PHYSICAL SPECIFICATIONS

Color	Dark Gray and Black
Enclosure Type	ABS (Housing)/PC (Panel)/optical plastic
Lens Kit	PC+30% GF (Housing)/Glass + COC (Lens)
Product Dimensions	Main body: 13.5(W) x 4.87(D) x 5.48(H) cm
Product Weight	≈220g
Storage Temperature	−4°F to 140°F (-20°C to 60°C)
Storage Humidity	< 90% non-condensing
Operating Temperature	−4°F to 104°F (-20°C to 60°C)
Operating Humidity	< 90% non-condensing

PACKAGE CONTENTS

- 1 - JVCU435
- 1 - Remote Controller
- 1 - Quick Installation Guide

REGULATORY COMPLIANCE

FCC

This equipment has been tested and found to comply with FCC Part 15, Subpart B, ANSI C63.4-2014, ICES-003 Issue 6, January 2016 (Updated April 2019).

Operation is subject to the following two conditions:

- This device may not cause harmful interference
- This device must accept any interference, including interference that may cause undesired operation of the device.

CE

This equipment is in compliance with the requirements of the following regulations: EN 55032:2015+AC:2016 Class B, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55035:2017

Disclaimer

Information in this document is subject to change without notice. The manufacturer does not make any representations or warranties (implied or otherwise) regarding the accuracy and completeness of this document and shall in no event be liable for any loss of profit or any commercial damage, including but not limited to special, incidental, consequential, or other damage. No part of this document may be reproduced or transmitted in any form by any means, electronic or mechanical, including photocopying, recording or information recording and retrieval systems without the expressed written permission of the manufacturer.

LIMITED WARRANTY

j5create offers a limited 1-year warranty. User's wear & tear damage is not included. The user shall call or email j5create customer service with the defect information of the product and obtain a return authorization number. Users are responsible for one-way return freight cost and we will take care of one-way freight back. In order to obtain a return authorization number, users should have the following information handy when calling or emailing the service team:

- (i) a copy of the original purchase invoice to verify your warranty
- (ii) a product serial number
- (iii) a description of the problem
- (iv) customer's name, address, and telephone number

j5create does not warrant that the operation of the product will be uninterrupted or error-free. j5create is not responsible for damage arising from failure to follow instructions relating to the product's use. This warranty does not apply to: (a) consumable parts, unless damage has occurred due to a defect in materials or workmanship; (b) cosmetic damage, including but not limited to scratches, dents, and broken plastic on ports; (c) damage caused by use with non-j5create products; (d) damage caused by natural disasters; (e) damage caused by human misuse (lost, accident, abuse, misuse or other external causes); (f) damage caused by operating the product outside the permitted or intended uses described by j5create; (g) damage caused by service (including upgrades and expansions) performed by anyone who is not a representative of j5create or a j5create Authorized Service Provider; (h) a product or part that has been modified to alter functionality or capability without the written permission of j5create; or (i) if any j5create serial number on the product has been removed or defaced. If such a situation occurs, j5create will calculate the cost of materials and repair for your reference. This warranty is given by j5create in lieu of any other warranties expressed or implied.

LIMITATION OF WARRANTY

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE (OR BY COUNTRY OR PROVINCE). OTHER THAN AS PERMITTED BY LAW, J5CREATE DOES NOT EXCLUDE, LIMIT OR SUSPEND OTHER RIGHTS YOU MAY HAVE, INCLUDING THOSE THAT MAY ARISE FROM THE NONCONFORMITY OF A SALES CONTRACT. FOR A FULL UNDERSTANDING OF YOUR RIGHTS YOU SHOULD CONSULT THE LAWS OF YOUR COUNTRY, PROVINCE OR STATE. TO THE EXTENT NOT PROHIBITED BY LAW IN YOUR STATE, PROVINCE, JURISDICTION OR COUNTRY, THIS WARRANTY AND THE REMEDIES SET FORTH ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL, WRITTEN, STATUTORY, EXPRESS OR IMPLIED.

J5CREATE'S RESPONSIBILITY FOR MALFUNCTIONS AND DEFECTS IN HARDWARE AND/OR SOFTWARE IS LIMITED TO REPAIR OR REPLACEMENT AS SET FORTH IN THIS WARRANTY. J5CREATE'S LIABILITY DOES NOT EXTEND BEYOND THE REMEDIES PROVIDED FOR IN THIS LIMITED WARRANTY, AND J5CREATE DOES NOT ACCEPT LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, FOR THIRD-PARTY CLAIMS AGAINST YOU FOR DAMAGES, FOR PRODUCTS NOT BEING AVAILABLE FOR USE, OR FOR LOST OR DAMAGED DATA OR SOFTWARE. J5CREATE DOES NOT WARRANT THAT THE OPERATION OF ANY J5CREATE PRODUCT WILL BE UNINTERRUPTED OR ERROR FREE.

J5CREATE'S LIABILITY IN ANY SITUATION WILL BE NO MORE THAN THE AMOUNT YOU PAID FOR THE SPECIFIC PRODUCT THAT IS THE SUBJECT OF A CLAIM. THIS IS THE MAXIMUM AMOUNT FOR WHICH WE ARE RESPONSIBLE.

EXCEPT FOR THE EXPRESS WARRANTIES CONTAINED IN THIS WARRANTY AND TO THE EXTENT NOT PROHIBITED BY LAW, J5CREATE DISCLAIMS ALL OTHER WARRANTIES AND CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, MERCHANTABLE QUALITY AND FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AND CONDITIONS AGAINST HIDDEN OR LATENT DEFECTS. SOME STATES, PROVINCES, JURISDICTIONS OR COUNTRIES DO NOT ALLOW DISCLAIMERS OF IMPLIED WARRANTIES AND CONDITIONS, SO THIS DISCLAIMER MAY NOT APPLY TO YOU.

TO THE EXTENT SUCH WARRANTIES AND CONDITIONS CANNOT BE DISCLAIMED UNDER THE LAWS OF THE UNITED STATES, CANADA (AND ITS PROVINCES) OR OTHERWISE, J5CREATE LIMITS THE DURATION AND REMEDIES OF SUCH WARRANTIES AND CONDITIONS TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY AND, AT J5CREATE'S OPTION, REPAIR OR REPLACEMENT SERVICES. SOME STATES, PROVINCES, JURISDICTIONS OR COUNTRIES MAY NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY OR CONDITION MAY LAST, SO THE LIMITATION DESCRIBED ABOVE MAY NOT APPLY TO YOU.

NO WARRANTIES OR CONDITIONS, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE LIMITED WARRANTY PERIOD HAS EXPIRED. SOME STATES, PROVINCES, JURISDICTIONS OR COUNTRIES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY OR CONDITION LASTS, SO THIS LIMITATION MAY NOT APPLY TO YOU.

WARRANTY SUPPORT ONLY APPLIES WHEN THE COVERED PRODUCT IS LOCATED WITHIN THE COUNTRY IN WHICH J5CREATE ORIGINALLY SOLD THE SYSTEM, AS REFLECTED IN J5CREATE'S RECORDS. IF YOU NEED SUPPORT FOR THE PRODUCT OUTSIDE OF THE COUNTRY OF ORIGIN (FOR EXAMPLE, WHILE TRAVELING, OR IF THE SYSTEM HAS BEEN RELOCATED TO A NEW COUNTRY), THEN J5CREATE MAY OFFER YOU OTHER SUPPORT OPTIONS FOR AN ADDITIONAL CHARGE.

For more information please visit our website at <http://www.j5create.com>

Copyright © 2021 j5create. All rights reserved. All trade names are registered trademarks of their respective owners. Features and specifications are subject to change without notice. Product may not be exactly as shown in the diagrams.

Windows, Skype, Windows Vista, and Microsoft Teams are trademarks of Microsoft Corp., its affiliates or its respective owners, registered or used in many jurisdictions worldwide. macOS is a trademark of Apple Inc., its affiliates or its respective owners, registered or used in many jurisdictions worldwide. USB and USB-C are trademarks of USB Implementers Forum, Inc., its affiliates or its respective owners, registered or used in many jurisdictions worldwide. Chrome OS is a trademark of Google LLC, its affiliates or its respective owners, registered or used in many jurisdictions worldwide. Zoom is a trademark of Zoom Video Communications, Inc., its affiliates or its respective owners, registered or used in many jurisdictions worldwide. Facebook is a trademark of Facebook, its affiliates or its respective owners, registered or used in many jurisdictions worldwide. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and/or names or their products and are the property of their respective owners. All company, product and service names used are for identification purposes only. Use of these names, logos, and brands does not imply endorsement. We disclaim any interest in the marks of others.