

j5create

Live Capture UVC

HDMI to USB Video Capture

Datasheet

JVA02



Introduction

- The JVA02 is a lightweight, stylish and powerful HDMI™ capture card. It consumes very low power yet can capture 1080p with 60 frames of uncompressed video under USB™ 3.0. It can be broadcast continuously with three mixing modes and PD 3.0. Connect the JVA02 to your cold shoe adapter on your camera for the perfect combination of ease-of-use and functionality.

Features

- Uncompressed mode gives excellent video quality and reduces CPU loading
- The power delivery charging function allows you to live stream without interruption
- Professional listening function and microphone mixer function
- Low power consumption with high performance
- Includes camera screws to attach to cold shoe adapter
- Cold shoes perfectly match with photographic equipment
- Full HD video and audio high performance record/playback through USB 3.1 Type-C™
- Capture resolution up to 1080p @ 60 fps
- Microphone input port
- Audio output port
- 3 audio modes
- Perfect for live streaming
- Aluminum design

Package Contents

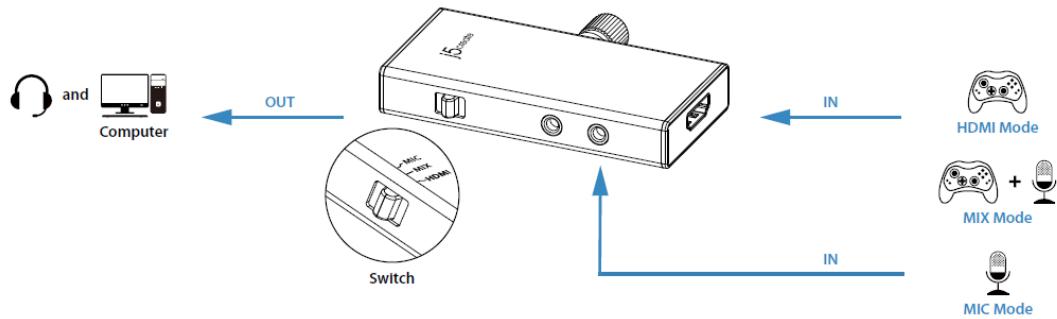
JVA02	* 1
USB 2.0 C to C cable	* 1
USB 3.0 C to A cable	* 1
Cold shoe	* 2
QIG	* 1
User manual	* 1

Specifications

ID	
Picture	
Case Material	Aluminum
Color	Black
Dimension	Main body: 43.16(W)x 86.94(H)x 14.36(D)mm
Weight	Approximately 51.5 g
Specifications	
OS	Driver Free : Windows 8.1/10, MacOS, Linux Driver : Windows 7
Resolution	640 x 480 @ 60/72/75 720 x 480 @ 60 720 x 576 @ 50 800 x 600 @ 60/72/75 848 x 480 @ 60 1024 x 768 @ 60/70/75 1152 x 864 @ 75 1280 x 720 @ 50/60 1280 x 768 @ 60/75 1280 x 800 @ 60/75 1280 x 960 @ 60 1280 x 1024 @ 60/75 1360 x 768 @ 60 1366 x 768 @ 60 1440 x 480 @ 60 1440 x 900 @ 60/75 1600 x 900 @ 60 1600 x 1200 @ 60 1680 x 1050 @ 60 1920 x 1080 @ 24/25/30/50/60
Audio Frequency	48 kHz
Power Delivery	PD3.0, 60W
USB	Interface : USB Type-C 3.1 Gen1 Mode : Isochronous Device : UAC, UVC
MIC	Stereo microphone supported 24-bit sigma-delta ADC
Headset	40mW output power into 16Ω at 3.3V

	THD -75dB at 20mW SNR 90dB with 16Ω load
Compression	USB 2.0 : MJPG USB 3.0 : MJPG / YUV 4:2:2
Power Consumption	USB 2.0 : 220mA (5V) USB 3.0 : 280mA (5V)

Audio Illustration



REGULATORY COMPLIANCE

FCC

47 CFR FCC Rules and Regulations Part 15 Subpart B,
Class B Digital Device
ICES-003 Issue 6, Class B

CE

According to European Standard EN 55032:2012 /AC:2013 Class B,
EN 61000-3-2:2014, EN 61000-3-3:2013 and EN 55024:2010/A1:2015
(IEC 61000-4-2 Edition 2.0, 2008-12, IEC 61000-4-3 Edition 3.2 2010-04,
IEC 61000-4-4 Edition 3.0, 2012-04, IEC 61000-4-5 Edition 3.0 2014-05
IEC 61000-4-6 Edition 4.0 2013-10, IEC 61000-4-8 Edition 2.0 2009-09
IEC 61000-4-11 Edition 2.0 2004-03)

VCCI

Test Standard:
47 CFR FCC Rules and Regulations Part 15 Subpart B,
Class B Digital Device
ICES-003 Issue 6, Class B

BSMI

This equipment is in compliance with the requirements of the following regulations:
CNS13438

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Limited Warranty

j5create offers a limited 2-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 (flood, fire, earthquake, lightning strike, typhoon etc.,); (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.

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