

SOFTWARE

LIVE VIDEO PROJECTION OVER 30 METER

27.09.2020

Here is a working hardware combination after several failed attempts – jerky moves, black screen, lost signal, color shifts.

Nikon Z6 – switch video toggle @back of camera for clean HDMI output, set video menu to 60 frames (to avoid display lag), setting c3 standby on. 1800€ incl FTZ.

Sirui VH-10X Fluid, 100€ used.

subtel external power supply for Z6 (only this one allows closing of battery compartment). 56€.

Rode VideoMicro Compact. 88€.

Elgato Cam Link 4K with short USB C connector (to avoid shear stress). 122€.

Macbook Pro with USB-C Digital-AV-Multiport-Adapter (other display port and hdmi did not show up as external display in [OBS](#)). adapter 72€.

PW-HT225PIR HDMI Extender with power adapter (USB power alone not sufficient, HDMI amplifier fails consistently). 30€.

30m Cat6 cable. 30€.

Short throw Optoma UHD42 4K Beamer – UHD. 1200€

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