

DPRG RBNV Chat Record – December 13, 2022

Carl Ott

7:46 PM

7:41pm - Pat shared initial findings from evaluating Arducam time -of-flight camera - a Kickstarter he backed that just delivered a couple weeks ago... <https://www.arducam.com/time-of-flight-camera-raspberry-pi> Here's the campaign on KickStarter <https://www.kickstarter.com/projects/arducam/time-of-flight-tof-camera-for-raspberry-pi?ref=discovery&term=arducam>

Carl Ott

7:54 PM

For those who have just joined:

7:41pm - Pat shared initial findings from evaluating Arducam time -of-flight camera - a Kickstarter he backed that just delivered a couple weeks ago... <https://www.arducam.com/time-of-flight-camera-raspberry-pi> Here's the campaign on KickStarter <https://www.kickstarter.com/projects/arducam/time-of-flight-tof-camera-for-raspberry-pi?ref=discovery&term=arducam>

Carl Ott

8:15 PM

Outside of Kickstart- Price is up to \$50 US <https://www.arducam.com/product/time-of-flight-camera-for-raspberry-pi/>

~8:15pm - Pat showed the suspect code

Ponder SomeMore

8:33 PM

guessing Hantek

Carl Ott

8:39 PM

~8:32pm - Chris - Tool Update compared several 'scopes over some time: Hantek 6022 BL OWON HDS200 Siglent SDS1104X-E (100 MHz) Oscilloscope Several Use Cases Robots Commodore C16 / want to get it working again Etc. In the end - got the Siglent SDS1104X-E (100 MHz) Oscilloscope. Stay Tuned for feedback...

Carl Ott

8:54 PM

~8:53pm - Karim thanked the group for helping to judge last weekend's FIRST competition

Carl Ott

9:00 PM

Agreed that we'll hear from Iron Reign this Saturday 17 Dec. Then we'll come back & ask again in January- to gauge interest to any progress after a month - new base platform & presentation...

Carl Ott

9:16 PM

Doug/Karim mentioned methods to fasten servo cables together - as opposed to tape or tie wrap - Karim suggested "Servo Retention Clips" e.g. like these https://smile.amazon.com/Servo-Extension-Safety-Connector-Products/dp/B086J68CM1/ref=sr_1_2?keywords=servo+retention+clip&qid=1670987687&sr=8-2

Unknown

9:16 PM

Servo Extension Safety Lock Neon Colors

https://hobbyking.com/en_us/servo-extension-safety-lock-neon-colors-6pcs.html?wrh_pdp=2&utm_source=google&utm_medium=cpc&utm_campaign=google_us_shopping&countrycode=US&gclid=Cj0KCOjA4uCcBhDdARIsAH5jyUnykIZLmlZYRz3rpxsArQ06R7MqrCWZSgiHqPPpHGnUxpU_7Pw8QfUaAvuFEALw_wcB

Carl Ott

9:25 PM

~9:23pm - Ray showed a MaixSense-A010 3D sensing camera - available with or without a preview LCD display <https://wiki.sipeed.com/hardware/en/maixsense/maixsense-a010/maixsense-a010.html>

Carl Ott

9:29 PM

about \$26 at Ali Express <https://www.aliexpress.us/item/3256804797705721.html>

Carl Ott

9:32 PM

also showed the higher res MaixSense-A075V <https://wiki.sipeed.com/hardware/en/maixsense/maixsense-a075v/maixsense-a075v.html>

Carl Ott

9:37 PM

Hackaday Article - ESP32 projects from Northwestern University Embedded

Class <https://hackaday.com/2022/12/12/esp32-projects-from-northwestern-universitys-embedded-electronics-class/>

Doug Paradis

9:41 PM

Kariim, are these the clips you mentioned: <https://www.revrobotics.com/rev-11-1229/>?

Ponder SomeMore

9:50 PM

yup

Chris N

9:51 PM

Dropping off.... Good night!

Carl Ott

9:54 PM

~9:51pm - discussion of self-driving cars -> veered into the classic "Trolley Problem" https://en.wikipedia.org/wiki/Trolley_problem