

00:00:33.520,00:00:36.520

Clayton Timmons: is there a way to see everyone at once?

00:05:39.865,00:05:42.865

Ross Melbourne: David and I have an update on our RTK Robot project

00:06:33.780,00:06:36.780

Carl Ott: Awesome - thanks!

00:09:35.766,00:09:38.766

Alan McGregor: James Bruton: 5' robot; https://www.youtube.com/watch?v=YTCTJgi_7zw

00:09:53.736,00:09:56.736

Carl Ott: Thanks Alan

00:10:33.426,00:10:36.426

Josh W: is micro center item 231621 worth what they are asking as a guy struggling to learn

00:12:42.312,00:12:45.312

Carl Ott: <https://talk.dallasmakerspace.org/t/no-supplies-but-wanna-make-masks-and-other-diy-ppe-resources/70378/16>

00:13:21.050,00:13:24.050

Clayton Timmons: My manly red plad mask. My girlfriend made it.

00:14:33.625,00:14:36.625

Ross Melbourne: Harold, which Latte Panda did you buy?

00:16:12.397,00:16:15.397

Harold Pulcher: The 4GB/6\$ one. Not the alpha or the delta.

00:20:31.813,00:20:34.813

Harold Pulcher: I have to ghost. Carl, this is really cool.

00:20:47.780,00:20:50.780

Carl Ott: Thanks Harold - good luck!

00:22:46.466,00:22:49.466

doug paradis: Josh, If you read the description of the "Leo Sales Ltd. Robotics Functional Kit", it doesn't appear to have the aluminum beams, tracks, etc. It doesn't appear to have the motors. A similar kit, is at <https://www.osepp.com/robotic-kits/7-robotic-functional-kit>. I would be extra sure that it has all you need to make the robots shown on the box.

00:27:25.163,00:27:28.163

Josh W: Doug, I have a large selection of make bot stuff from tanners looking for a starting board and headers with some educational help

00:31:24.658,00:31:27.658

Alan McGregor: Is Ray sharing his screen?

00:31:46.391,00:31:49.391

Jack Jones: what is the pixy cam used for?

00:32:21.585,00:32:24.585

Josh W: yes select his name on your side bar

00:32:45.395,00:32:48.395

Carl Ott: Hi @Alan - Yes - Ray is sharing. Look in the top

00:33:01.382,00:33:04.382

Carl Ott: top right corner of your screen, click People, and look for Ray/Presentation

00:33:05.233,00:33:08.233

doug paradis: Josh, I think that the best deal is the kit that we use In "Build more Robots" class. It is ~\$22 dollars and has most of the stuff that is in that microcenter kit. or this kit if you want to drive remotely also, for \$26. https://smile.amazon.com/LAFVIN-Chassis-Ultrasonic-Compatible-Arduino/dp/B07YCHCQNK/ref=sr_1_3?dchild=1&keywords=smart+car+robot+kit&qid=1586308144&sr=8-3

00:33:10.895,00:33:13.895

Carl Ott: Click that and you should see his screen

00:34:35.553,00:34:38.553

doug paradis: Josh, These kits are a good source of parts.

00:37:46.853,00:37:49.853

Karim Virani: In case anyone wants to see what a highschool spoof of a robot reveal video looks like

00:37:47.750,00:37:50.750

Karim Virani: <https://youtu.be/ogjl6kPIZOs>

00:38:05.837,00:38:08.837

Carl Ott: Thanks Karim

00:44:25.158,00:44:28.158

David Melbourne: Google fisheye lens

00:44:50.172,00:44:53.172

David Melbourne: ther are inexpensive phone fisheye lenses

00:46:35.225,00:46:38.225

Ross Melbourne:

https://www.google.com/aclk?sa=l&ai=DChcSEwioo4fC1dfoAhVH_uMHHRQeCWoyABhGgJ5bQ&sig=AD64_20ug8snqJWYUNikJWOA35wCBUAwQ&ctype=5&q=&ved=0ahUKEwj2qYDC1dfoAhUwnq0KHXRQA5EQwzwILQ&adurl=

00:46:53.478,00:46:56.478

Ross Melbourne: 360fly 360-Degree HD Video Camera \$59.99

00:48:26.019,00:48:29.019

Carl Ott: How To Make A Cheap 360 Video Camera With A Raspberry Pi - Part 1

<https://youtu.be/KSRaU9MHVVg>

00:48:59.012,00:49:02.012

Carl Ott: <https://www.raspberrypi.org/blog/dewarping-360-images-from-the-pi-camera-board/>

00:49:59.333,00:50:02.333

Carl Ott: <https://www.instructables.com/id/Uber-Cheap-360-Video-Camera/>

00:54:45.186,00:54:48.186

David Melbourne: I unmute - nothing

00:54:59.091,00:55:02.091

Carl Ott: bumper -

00:55:16.243,00:55:19.243

David Melbourne: Lenovo Thinkcentre 900

00:55:16.915,00:55:19.915

Carl Ott: maybe - do you have a hardware / laptop switch on the microphone?

00:55:37.176,00:55:40.176

David Melbourne: No - I was on a zoom call this morning

00:56:06.057,00:56:09.057

Carl Ott: hmm - maybe Zoom still 'owns' the mic / maybe have to fix windows audio routing?

01:02:06.510,01:02:09.510

Clayton Timmons: gotta run

01:02:25.423,01:02:28.423

Carl Ott: cool - see you Clay

01:05:01.837,01:05:04.837

Alan McGregor: Carl, thanks for inviting me. Must drop, but I will have a show & tell for next week :)

01:05:34.741,01:05:37.741

Carl Ott: Thanks Alan - sounds great - catch you then! And watch meetup - we have a cool presentation this Saturday

01:06:55.351,01:06:58.351

David Melbourne: The Lenovo Thinkcentre can have its magnesium case removed Ross - the board only weighs .5lbs

01:07:20.361,01:07:23.361

Carl Ott: That would keep it from blowing away in the wind!

01:07:53.303,01:07:56.303

David Melbourne: The robot is quite heavy - unlikely to blow away.

01:08:06.174,01:08:09.174

David Melbourne: Yes Lion

01:08:08.004,01:08:11.004

Carl Ott: Especially if you add a ThinkgCenter...

01:08:22.617,01:08:25.617

David Melbourne: No

01:08:31.747,01:08:34.747

David Melbourne: They are all in series

01:09:13.324,01:09:16.324

David Melbourne: We run the 24V to the Lenovo, then a big 12V reg for the PI and ESC

01:09:34.472,01:09:37.472

David Melbourne: The charger load balances them

01:10:04.819,01:10:07.819

David Melbourne: The charger thinks it is one big 6 cell battery

01:11:44.110,01:11:47.110

David Melbourne: Sorry for audio problems

01:12:28.149,01:12:31.149

Ross Melbourne: Big lag?

01:12:35.926,01:12:38.926

David Melbourne: Thanks guys, it was fun.

01:12:44.639,01:12:47.639

Carl Ott: Like wise - thank you!

01:13:05.790,01:13:08.790

Ross Melbourne: Thanks Carl and others for making this happen.

01:13:55.829,01:13:58.829

Carl Ott: You bet - thanks for the update!

01:17:26.490,01:17:29.490

David Melbourne: Cool watch Carl

01:19:07.751,01:19:10.751

Josh W: what is club robot base

01:19:51.625,01:19:54.625

Josh W: ok

01:20:50.624,01:20:53.624

David Melbourne: Have a great evening guys. Be safe!