

Fast continuous ranging sensor clouse up indoor test

Time Budget = 10
Inter Measurement = 0
Reboot MCU between measures

Calibratet with matte gray
Mean value 5000 loops
Distance moves up 1-2 mm over time

Measurements fluctuate

mm / mm	20	18	16	14	12	10	8	6	4	2	1	0
Matte Black	19	16	13	9	11	8	8	6	7	4	5	33
Matte Gray	20	16	14	13	11	10	11	6	6	3	3	8
Light Yellow	19	19	15	13	11	9	10	10	11	13	16	32
Shiny White	18	17	15	14	14	12	11	9	7	9	11	39

mm / kcps	20	18	16	14	12	10	8	6	4	2	1	0
Matte Black	6275	6430	7341	8922	9697	5933	5261	4581	1295	72	41	5
Matte Gray	9512	10856	12888	15850	14391	12253	12223	9317	9116	2587	1513	259
Light Yellow	15409	17458	19571	22381	23678	21302	19103	13863	11250	8472	8675	3432
Shiny White	16846	18444	20953	20998	22374	20722	16366	12206	9956	7869	2963	1041

Mean value ambient_rate_kcps (1000 loops)

mm / kcps	20	18	16	14	12	10	8	6	4	2	1	0
Matte Black	0	2	1	1	2	1	8	1	11	33	113	102
Matte Gray	6	6	7	7	6	6	5	1	2	5	11	82
Light Yellow	8	8	9	9	9	10	8	7	6	4	1	2
Shiny White	7	8	8	9	9	9	8	7	5	1	2	10

