

# Camera Detection Test



**Using:** CameraTrax 24 ColorCard

**Generated on:** Friday, 21 November 2025 09:05:38

## Calibration Summary

Metric	Pass/Fail
Focus Value	Fail
Resolution	Fail
Light Intensity	Fail
Color Balance	Fail

## Focus Analysis

Focus Value	Threshold	Pass/Fail
4875.56	150000.0	Fail

## Resolution Analysis

Camera Matrix		
23508.865	0.000	554.659
0.000	25335.753	2101.503
0.000	0.000	1.000

Distortion Coefficients
-3.66453
687.97262
-0.09395
-0.00195
11.78421

## Reprojection Error

Reprojection Error	Threshold	Pass/Fail
1.4835	1.0	Fail

## Light Intensity Analysis

Light Intensity	Good Range	Pass/Fail
74.37	(120.0, 180.0)	Fail

## Color Balance Analysis

Color	HSV (H°, S%, V%)	Sample	Reference	Pass/Fail
White	60°, 9%, 100%			Pass
Blue	238°, 88%, 41%			Fail
Orange	18°, 100%, 100%			Fail
Dark Tone	10°, 83%, 40%			Fail
Light Grey	16°, 30%, 98%			Fail
Green	78°, 72%, 41%			Fail
Medium Blue	242°, 76%, 58%			Fail
Light Tone	12°, 74%, 98%			Fail
Grey	4°, 34%, 72%			Fail
Red	2°, 100%, 88%			Fail
Light Red	0°, 88%, 94%			Fail
Sky Blue	252°, 45%, 48%			Fail
Dark Grey	358°, 40%, 45%			Fail
Yellow	48°, 100%, 100%			Pass
Purple	318°, 78%, 27%			Fail
Tree Green	46°, 74%, 29%			Fail
Charcoal	346°, 44%, 22%			Fail
Magenta	340°, 88%, 93%			Fail
Yellow Green	54°, 96%, 77%			Fail
Light Blue	276°, 50%, 60%			Fail

Black	350°, 52%, 9%			Fail
Cyan	218°, 74%, 59%			Fail
Orange Yellow	32°, 100%, 100%			Fail
Blue Green	146°, 33%, 67%			Fail