

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 |

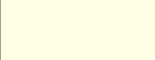







































Reprojection Error









| 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 |