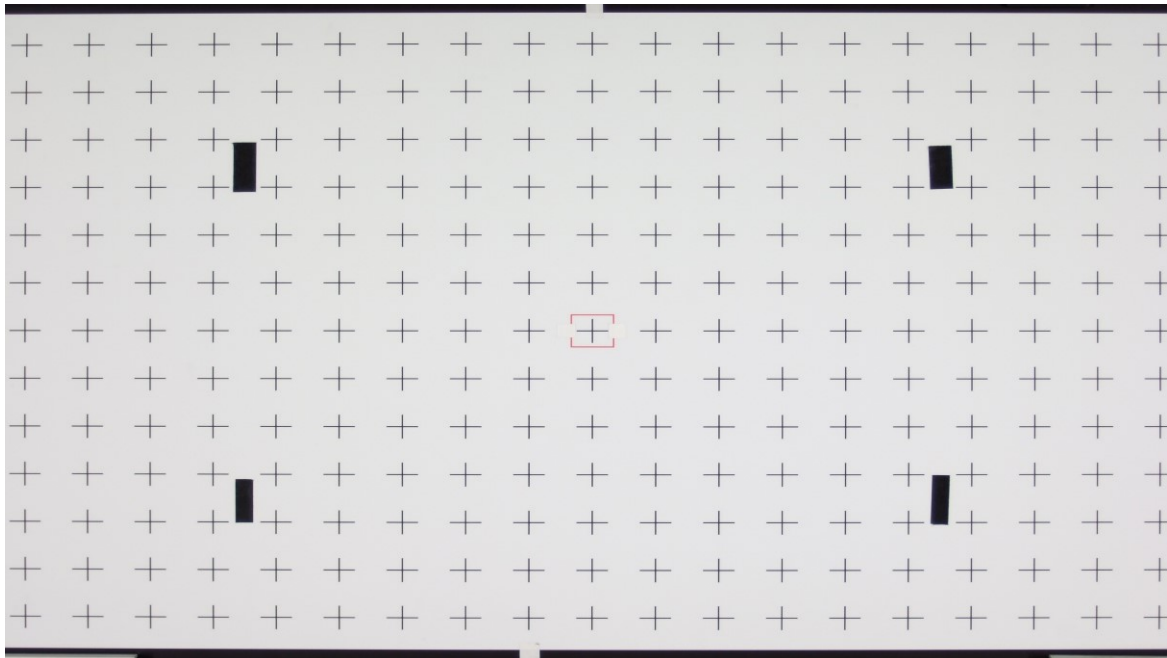




Quick Start Guide

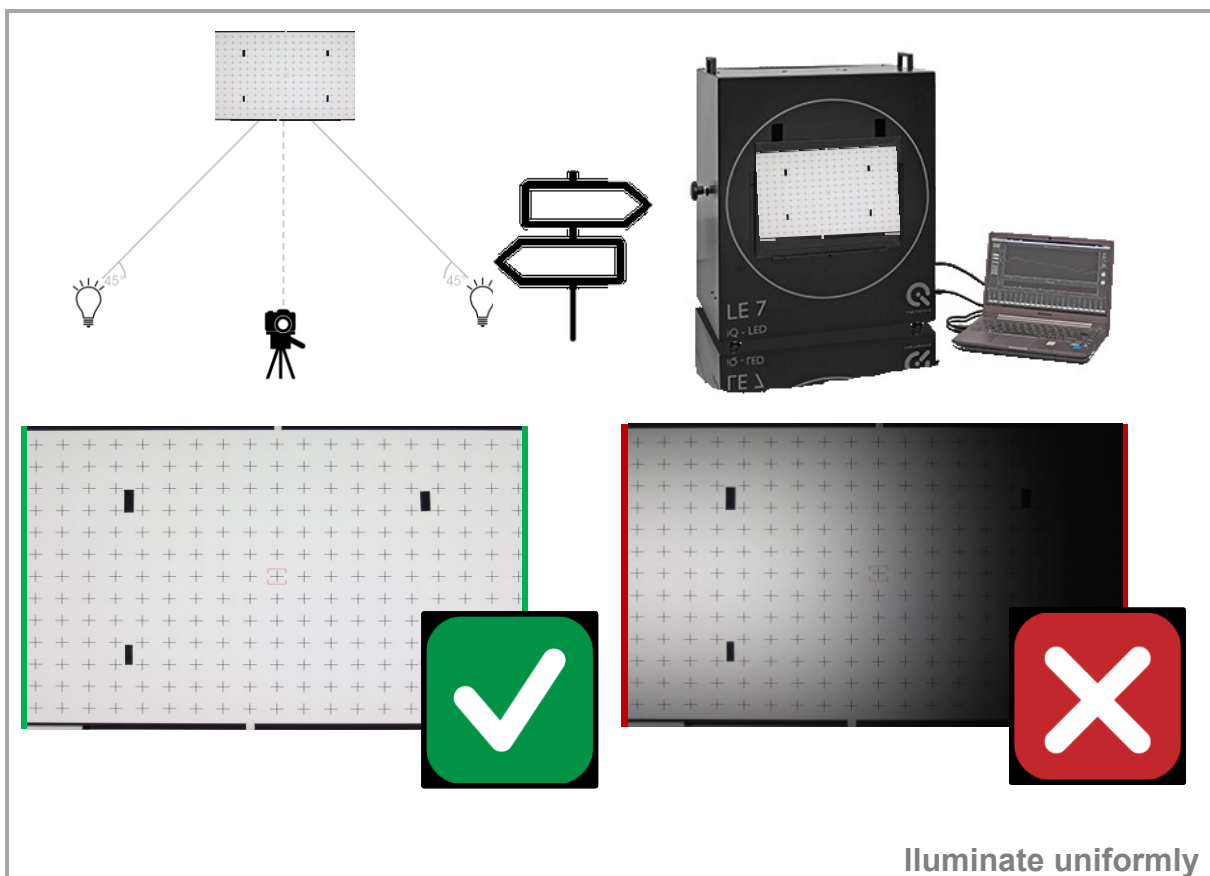
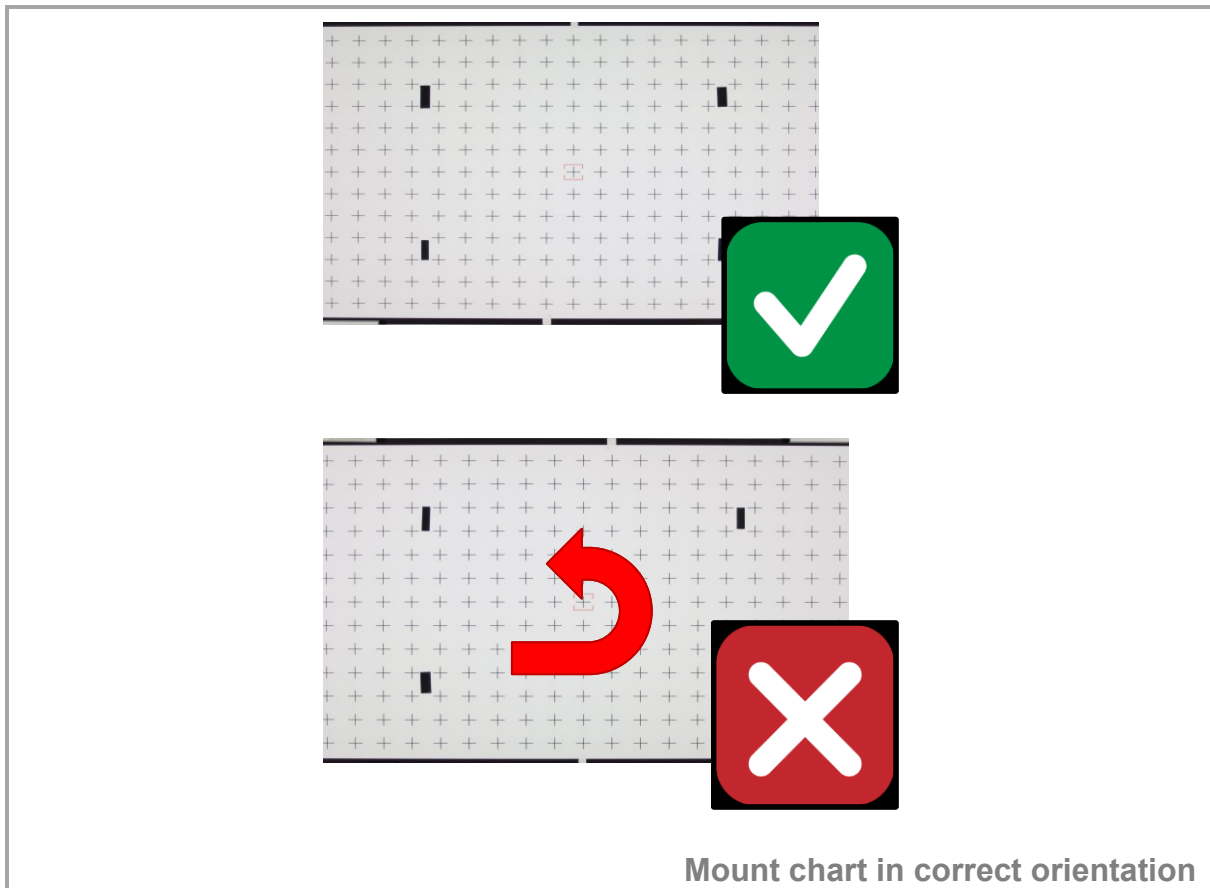
TE251 / TE251 V2

February 25, 2019





1 PREPARE CHART

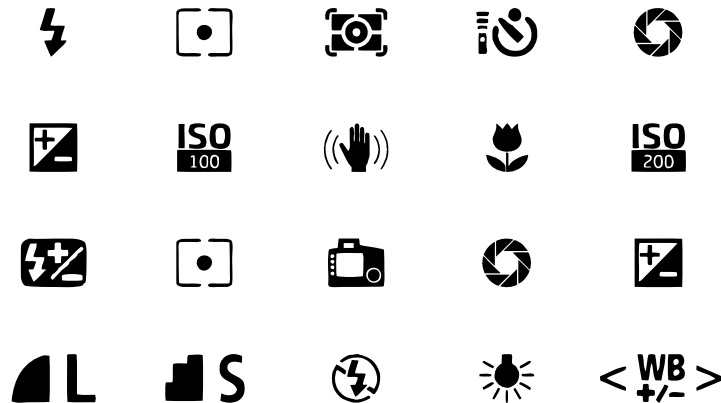




2 PREPARE CAMERA

chart size
≠
picture size

Align camera and chart



Check camera settings and take pictures

3 START SOFTWARE

**FREE
DEMO**  **OR
BUY**

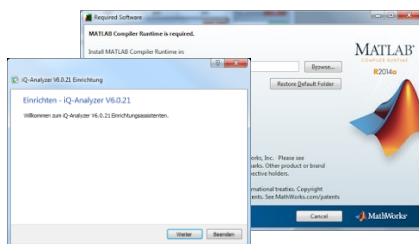
Request free demo or buy



www.image-engineering.de



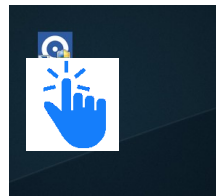
Use shipped DVD or download*



Install



Copy reference files if necessary



Attach USB dongle and run

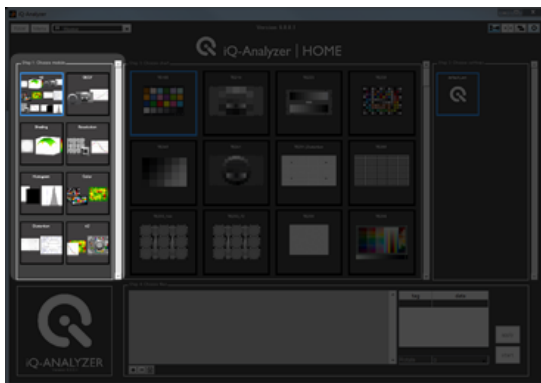
For a three month trial version of the
iQ-Analyzer please contact

sales@image-engineering.de

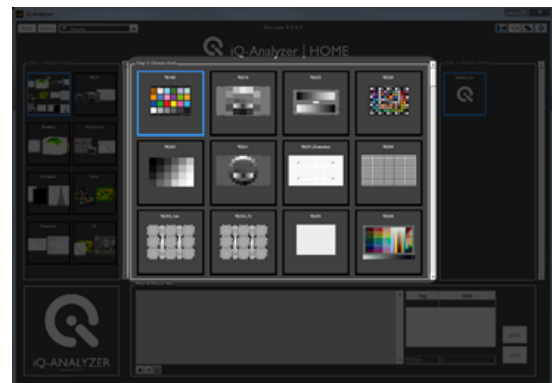
* <https://www.image-engineering.de/products/software/376-iq-analyzer#downloads>



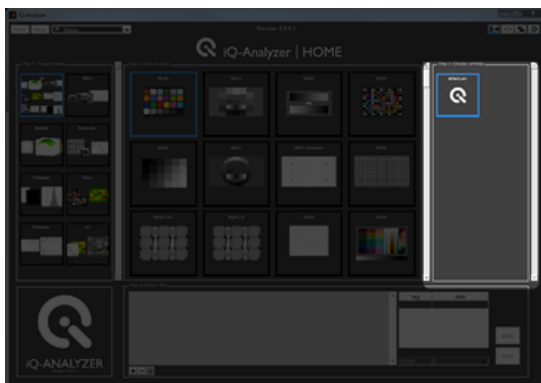
4 USE HOME SCREEN



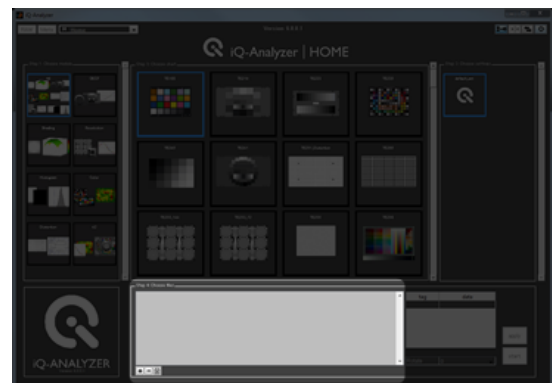
Select module



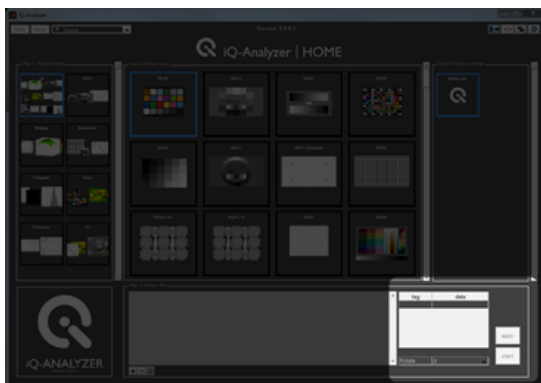
Select chart



Select settings



Load image file(s)



Start analysis

For customizing the HOME SCREEN to your specific needs, please read the

iQ-Analyzer user manual *

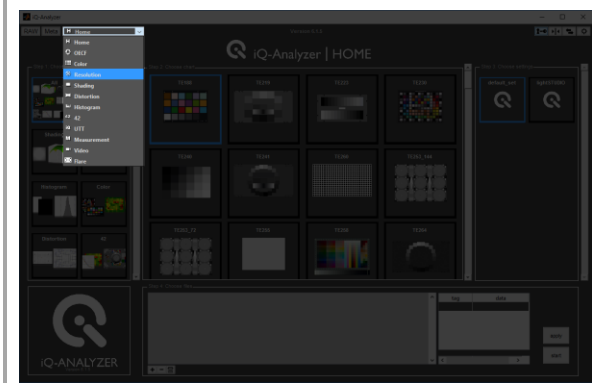
Please note: Default Home Screen just contains default settings.

* https://www.image-engineering.de/content/products/software/analyzer/downloads/iQ-Analyzer_manual.pdf

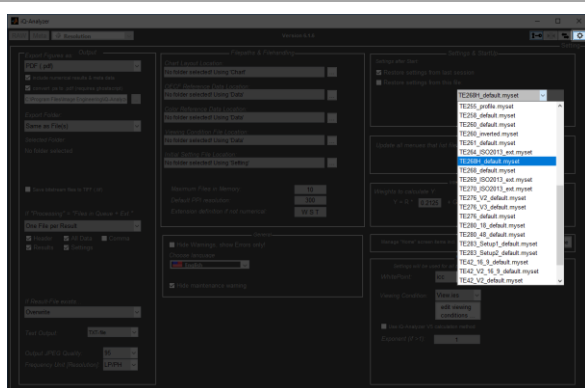
5 USE OF ADMINISTRATOR MODE



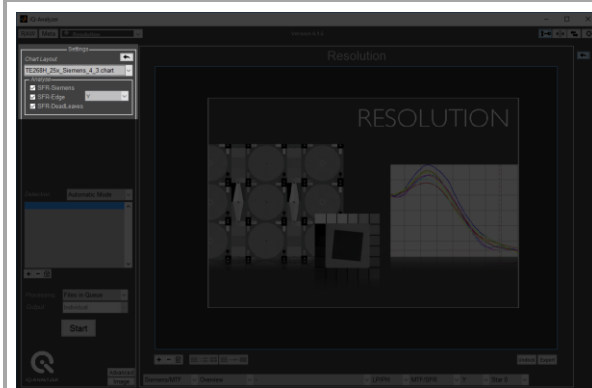
Enable Administrator Mode



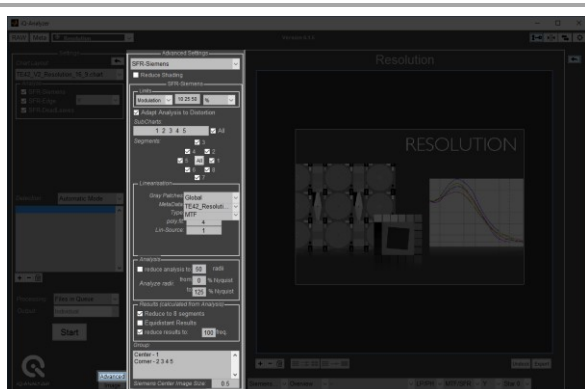
Choose module



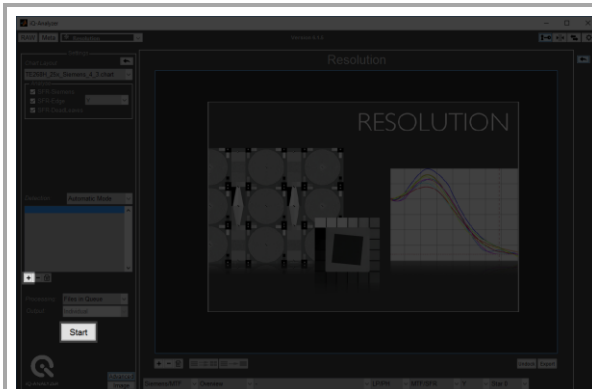
Go to General Settings and choose .myset file for chart depending Settings



Check chart dependend Settings



Check Advanced Settings



Load image file(s) and start analysis

For all chart specific information about Settings and Advanced Settings please read the

iQ-Analyzer user manual *

* https://www.image-engineering.de/content/products/software/analyzer/downloads/iQ-Analyzer_manual.pdf



6 WATCH THE RESULTS

Image

Result

Toggle between image and results

Grid comp

2D

Quiver

vs field

CA - GR

CA - GB

CA - max

CA longitudinal

CA - GR vs image height

CA - GB vs image height

CA - Quiver

Grid comp

Distortion - Measured (dots) vs. Ideal (grid)

Distortion - Quiver

Distortion vs. Field

Toggle between different result views



Watch the results



Hide and show side panels

distortion_TE251_DSRL7_t.JPG

distortion_TE251_DSRL7_t_distortion.txt

View auto-generated result files

Congratulation!
You ran your first analysis!



7 WHAT'S NEXT?

IQ-Analyzer Version 6.1.5

RAW Meta Distortion

Chart Layout: TE251_Distortion.chart

Detection: Automatic Mode

Processing: Files in Queue

Output: Individual

Start

Distortion - Measured (dots) vs. Ideal (grid)

distortion_TE251_DSLR7_s.JPG

Export

Grid comp: C:\Users\mschifferrmann\Desktop\QSG\TE251\chart.png

Distortion - Measured (dots) vs. Ideal (grid)

distortion_TE251_DSLR7_t.JPG

Make	exampleimage
Model	DSLR7
Width	2848
Height	2136
Time	9
F-Stop	5.0
ISO	100
f [mm]	24.0
EV	-
Serial:	
Lens:	
Firmware:	noExif
Illumination [lux]:	
Object Distance [m]:	
Laboratory:	
Operator:	

-Distortion- TVBU [%]	-0.0	LCVertical	0.04
TVBMIA [%]	-0.0	LCArmean	0.03
-Distortion- LGDmean	0.0		
LGDworst	0.1		
LGDworst(fit)	-0.0		
LGDCCIQ	-0.2		
-Chrom.Ab - CAGRmean	0.27		
CAGRmax10	0.53		
LCDGR [pix]	0.40		
LCDGR [%]	0.0189		
-Chrom.Ab - CAGBmean	0.09		
CAGBmax10	0.21		
LCDGB [pix]	-0.04		
LCDGB [%]	-0.0020		
-LCA- LCAhorizontal	0.01		

Export results



Analysis successful

Analysis failed

Not analyzed yet

Analyze successfully analyzed images again?

Change settings and re-start analysis



8 NEED HELP?



Read the iQ-Analyzer user manual*



Attend our Webinars**



Ask our Support Team

9 CONTACT US

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* https://www.image-engineering.de/content/products/software/analyzer/downloads/iQ-Analyzer_manual.pdf

** <https://www.image-engineering.de/products/software/376-iq-analyzer#webinars>