(CDAX, Technology, BSL GR)



| Hold | | Value Indicators: | | Warburg ESG Risk Score: ESG Score (MSCI based): | 2.7 3.0 | Description: | 1 |
|------------|------------|--------------------------|-----------|----------------------------------------------------|-------------------|-------------------------------------------------------------------|-------|
| EUR 115.00 | | FCF-Value Potential 23e: | | Balance Sheet Score: Market Liquidity Score: | 4.0 1.0 | B2B digital cameras for app such as factory, medical, tra retail. | |
| | | Market Snapshot: | EUR m | Shareholders: | | Key Figures (WRe): | 2021e |
| | | Market cap: | 1,238.8 | Freefloat | 39.0 % | Beta: | 1.1 |
| Price | EUR 124.60 | No. of shares (m): | 9.9 | Norbert Basler | 52.0 % | Price / Book: | 9.2 x |
| Downside | -7.7 % | EV: | 1,228.3 | Treasury shares | 5.0 % | Equity Ratio: | 75 % |
| | | Freefloat MC: | 483.1 | Dr. Ley (CEO) | 4.0 % | | |
| | | Ø Trad. Vol. (30d): | 272.27 th | | | | |

Chip shortage drives order intake

| Stated Figure | es Q2/2 | 021: | | | | | | | Comment on Figures: |
|----------------------------|----------|-----------|----------|------|----------|-----------|----------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FY End: 31.12. in EUR m | Q2 21 | Q2 21e | Q2 20 | yoy | 6M 21 | 6M 21e | 6M 20 | уоу | High sales growth rate driven by demand from the semi and electro industry as well as the logistics sector |
| Sales | 60.6 | 64.5 | 45.2 | 34 % | 115.2 | 119.1 | 88.9 | 30 % | Order intake grew even faster and increased by 65% yoy in H1 Despite supply bettlengelse greese marrie improved by 1 2pp to 54.40 |
| EBIT | 11.0 | 13.4 | 6.7 | 63 % | 21.0 | 23.5 | 13.2 | 60 % | Despite supply bottlenecks, gross margin improved by 1.3pp to 54.49 Due to the streng gross margin and positive sectors of social sectors. |
| Margin | 18.1 % | 20.8 % | 14.9 % | | 18.3 % | 19.7 % | 14.8 % | | Due to the strong gross margin and positive economies of scale, |
| EBT | 10.8 | 13.2 | 6.6 | 65 % | 20.8 | 23.2 | 12.8 | 62 % | EBT margin increased from 14.4% to 18.0% in H1 |
| Margin | 17.8 % | 20.5 % | 14.5 % | | 18.0 % | 19.5 % | 14.4 % | | |
| EPS | 0.00 | 0.00 | 0.00 | 61 % | 0.00 | 0.00 | 0.00 | 64 % | |

In Q2, Basler further accelerated the strong growth momentum from Q1 (25.0%) to 34.2%, outperforming the German industrial imaging sector, which, according to VDMA, grew by 17% in the first half of 2021. Order intake increased even faster by 65%, again doubling the sector's figure of 29%. The strong performance resulted from Basler's strong market position in Asia (57% of sales) and, more specifically, in the semi and electronics industry, which is investing in capacity in response to the chip shortage.

However, the chip shortage is not only driving demand, but is also causing a bottleneck for production and explains why sales growth could not keep up with the strong increase in order intake. Usually, demand from the semi and electronics industry is weaker in H2, which could also be the case this year. However, as delivery times for high runners have already increased from 2-3 to 10 weeks, Basler confirmed its FY sales target of EUR 205-225m, which implies a growth rate of 10-35% in H2, despite the significant order backlog and the ongoing high demand.

Despite the bottlenecks, Basler was able to increase the gross margin in H1 from 53.1% to 54.4%. With this and positive economies of scale from the high revenue volume, the EBIT margin increased from 14.4% to 18.0%. This figure is higher than both the mid-term target of approx. 12% and the upper end of the 2021 range of 13.0-15.5%. For the second half of the year, the guidance implies an EBT margin of 9-13%. The anticipated decline is a result of the lower sales volume and higher material costs due to the chip shortage.

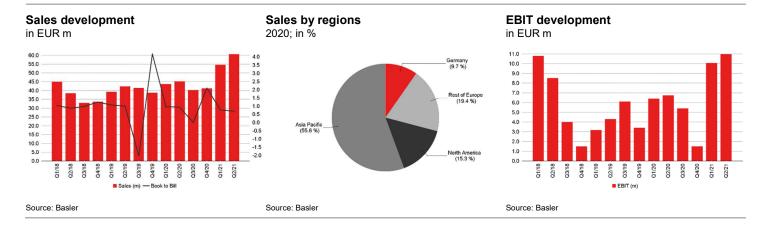
We expect a 4.9% sales decline in H2 compared to H1, but still consider the upper end of the target range to be well within reach, despite the shortages. Regarding profitability, a gross margin decline of approx. 2pp appears reasonable. However, even taking stable or slightly increasing opex into account, we consider an EBT margin of 13% to be conservative. Thus, we maintain our forecast at the upper end of the range.

As demand remains high and production is limited by bottlenecks, Basler should start into 2022 with a solid order backlog. In addition, factory automation and automotive are showign first signs of recovery, which should lead to higher orders in H2, with corresponding revenues shifting at least partly into 2022. Against this background, we remain confident that Basler will be able to increase the top line again next year and reach its 2023 target of EUR 250m a year earlier. We maintain our estimates, our target price and our Hold recommendation for Basler.

| | | L | | | | | | | | |
|-------------------------------|---------------|---------------------|---------------|-------------|--------------|-----------------------------|--------|--------|--------|--------|
| | | FY End: 31.12. | CAGR | | | | | | | |
| 120 - | 1 | in EUR m | (20-23e) | 2017 | 2018 | 2019 | 2020 | 2021e | 2022e | 2023e |
| 110 - | h in a | Sales | 19.7 % | 150.2 | 150.0 | 162.0 | 170.5 | 224.8 | 257.3 | 292.4 |
| 100 - | MANA | Change Sales yoy | | 54.0 % | -0.1 % | 8.0 % | 5.2 % | 31.9 % | 14.5 % | 13.6 % |
| A - | (8 1) | Gross profit margin | | 49.6 % | 53.3 % | 50.9 % | 52.0 % | 52.9 % | 50.6 % | 49.8 % |
| - 00 | | EBITDA | 23.7 % | 39.7 | 36.0 | 30.0 | 34.6 | 54.9 | 60.2 | 65.5 |
| - 08 | mar | Margin | | 26.4 % | 24.0 % | 18.5 % | 20.3 % | 24.4 % | 23.4 % | 22.4 % |
| 70 - martin and martin | | EBIT | 30.9 % | 30.5 | 24.8 | 17.0 | 20.1 | 35.7 | 40.2 | 45.0 |
| 60 - mm | | Margin | | 20.3 % | 16.6 % | 10.5 % | 11.8 % | 15.9 % | 15.6 % | 15.4 % |
| 50 - WMY | | Net income | 28.2 % | 21.6 | 17.0 | 12.9 | 15.1 | 25.5 | 28.4 | 31.8 |
| 09/20 11/20 01/21 03/21 05/21 | 07/21 | EPS | 28.2 % | 2.25 | 1.76 | 1.29 | 1.51 | 2.55 | 2.84 | 3.18 |
| Basler — CDAX (normalised) | | DPS | 18.0 % | 0.67 | 0.53 | 0.26 | 0.58 | 0.77 | 0.85 | 0.95 |
| Basier — CDAX (normalised) | | Dividend Yield | | 1.6 % | 0.9 % | 0.6 % | 1.1 % | 0.6 % | 0.7 % | 0.8 % |
| Rel. Performance vs CDAX: | | FCFPS | | 2.46 | 0.93 | -0.97 | 1.38 | 1.60 | 2.11 | 2.13 |
| 1 month: | 15.4 % | FCF / Market cap | | 5.8 % | 1.6 % | -2.1 % | 2.6 % | 1.3 % | 1.7 % | 1.7 % |
| | | EV / Sales | | 2.7 x | 3.8 x | 3.0 x | 3.2 x | 5.5 x | 4.8 x | 4.1 x |
| 6 months: | 34.7 % | EV / EBITDA | | 10.2 x | 15.7 x | 16.1 x | 15.6 x | 22.5 x | 20.3 x | 18.5 x |
| Year to date: | 60.6 % | EV / EBIT | | 13.2 x | 22.8 x | 28.4 x | 26.9 x | 34.6 x | 30.4 x | 26.9 x |
| Trailing 12 months: | 69.0 % | P/E | | 18.8 x | 32.7 x | 36.4 x | 35.8 x | 48.9 x | 43.9 x | 39.2 x |
| Ŭ | | P / E adj. | | 18.8 x | 32.7 x | 36.4 x | 37.0 x | 48.9 x | 43.9 x | 39.2 x |
| Company events: | | FCF Potential Yield | | 7.2 % | 4.1 % | 2.3 % | 4.8 % | 3.2 % | 3.4 % | 3.7 % |
| 04.11.21 | Q3 | ROE | | 37.4 % | 24.1 % | 14.4 % | 13.9 % | 20.4 % | 19.5 % | 19.0 % |
| | | ROCE (NOPAT) | | 38.4 % | 23.8 % | 12.7 % | 12.8 % | 21.9 % | 22.5 % | 23.5 % |
| | | Guidance: 2 | 2021 sales EL | JR 205-225m | , EBT margir | n 13.0 <mark>-</mark> 15.5% | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

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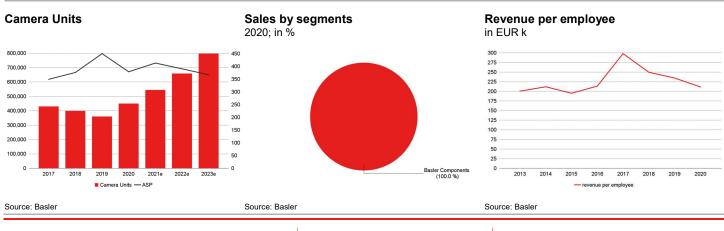


Company Background

- Basler is a provider of digital cameras for production, medical applications, traffic control or retail.
- Basler focuses on the mainstream and entry-level market segments.
- Customers are mainly OEMs. The customer base is well diversified and no single customer accounts for more than 10% of revenue.
 More than 60% of revenues are direct sales.

Competitive Quality

- In terms of units Basler is the world's largest developer and manufacturer of digital cameras in a fragmented, but consolidating, market for digital cameras for B2B-applications.
- High level of vision technology expertise: Basler has one of the largest developer pools in the sector and differentiates itself with camera software competence, which accounts for more than 50% of the value creation.
- State-of-the-art product portfolio: Basler is among the first movers in digital cameras based on GigE Vision and the USB3 Vision standard. It is also an early adopter of new sensor technology.
- High service and consulting quality through direct sales and Basler's network of specialised distributors.
- Basler is present in the most important markets for vision technology in South East Asia, Europe and the US.





| DCF model | | | | | | | | | | | | | | |
|--------------------------------|---------|-----------|--------------|----------|--------|--------|----------|---------------|-----------|--------|--------|------------|----------|-------------|
| | Detaile | d forecas | t period | | | | 1 | ransition | al period | | | | | Term. Value |
| Figures in EUR m | 2021e | 2022e | 2023e | 2024e | 2025e | 2026e | 2027e | 2028e | 2029e | 2030e | 2031e | 2032e | 2033e | |
| Sales | 224.8 | 257.3 | 292.4 | 330.1 | 378.6 | 432.6 | 492.5 | 558.5 | 631.2 | 710.9 | 798.0 | 892.8 | 998.8 | |
| Sales change | 31.9 % | 14.5 % | 13.6 % | 12.9 % | 14.7 % | 14.3 % | 13.8 % | 13.4 % | 13.0 % | 12.6 % | 12.2 % | 11.9 % | 11.9 % | 2.0 % |
| EBIT | 35.7 | 40.2 | 45.0 | 50.2 | 54.9 | 62.7 | 71.4 | 81.0 | 91.5 | 103.1 | 115.7 | 129.4 | 144.8 | |
| EBIT-margin | 15.9 % | 15.6 % | 15.4 % | 15.2 % | 14.5 % | 14.5 % | 14.5 % | 14.5 % | 14.5 % | 14.5 % | 14.5 % | 14.5 % | 14.5 % | |
| Tax rate (EBT) | 27.0 % | 28.0 % | 28.0 % | 28.0 % | 28.0 % | 28.0 % | 28.0 % | 28.0 % | 28.0 % | 28.0 % | 28.0 % | 28.0 % | 28.0 % | |
| NOPAT | 26.1 | 28.9 | 32.4 | 36.1 | 39.5 | 45.2 | 51.4 | 58.3 | 65.9 | 74.2 | 83.3 | 93.2 | 104.3 | |
| Depreciation | 19.3 | 20.0 | 20.5 | 19.1 | 22.0 | 25.1 | 28.6 | 32.4 | 36.6 | 41.2 | 46.3 | 51.8 | 57.9 | |
| in % of Sales | 8.6 % | 7.8 % | 7.0 % | 5.8 % | 5.8 % | 5.8 % | 5.8 % | 5.8 % | 5.8 % | 5.8 % | 5.8 % | 5.8 % | 5.8 % | |
| Changes in provisions | 0.8 | 0.0 | 0.0 | 1.1 | 0.4 | 0.5 | 0.5 | 0.6 | 0.7 | 0.7 | 0.8 | 0.9 | 1.0 | |
| Change in Liquidity from | | | | | | | | | | | | | | |
| - Working Capital | 9.9 | 4.9 | 6.0 | 5.9 | 7.7 | 8.5 | 9.9 | 10.9 | 12.0 | 13.1 | 14.4 | 15.6 | 17.5 | |
| - Capex | 21.5 | 23.1 | 25.8 | 19.8 | 22.5 | 25.4 | 28.7 | 32.2 | 36.0 | 40.2 | 44.6 | 49.4 | 57.9 | |
| Capex in % of Sales | 9.6 % | 9.0 % | 8.8 % | 6.0 % | 5.9 % | 5.9 % | 5.8 % | 5.8 % | 5.7 % | 5.6 % | 5.6 % | 5.5 % | 5.8 % | |
| Other | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Free Cash Flow (WACC Model) | 14.8 | 20.9 | 21.1 | 30.6 | 31.7 | 36.8 | 42.0 | 48.2 | 55.2 | 62.9 | 71.4 | 80.8 | 87.7 | 100 |
| PV of FCF | 14.2 | 18.7 | 17.6 | 23.9 | 23.1 | 24.9 | 26.6 | 28.4 | 30.4 | 32.3 | 34.2 | 36.1 | 36.6 | 798 |
| share of PVs | | 4.41 % | | | | | | 25.89 | 9% | | | | | 69.69 % |
| Model parameter | | | | | | | Valuat | on (m) | | | | | | |
| Derivation of WACC: | | | Derivation | of Beta: | | | Presen | t values 20 | 033e | 34 | .7 | | | |
| | | | | | | | Termin | al Value | | 79 | 8 | | | |
| Debt ratio | 10.00 % | | Financial S | Strength | | 1.10 | Financi | al liabilitie | s | 4 | 5 | | | |
| Cost of debt (after tax) | 2.1 % | | Liquidity (s | share) | | 1.30 | Pensio | n liabilities | | | 1 | | | |
| Market return | 7.00 % | | Cyclicality | | | 1.30 | Hybrid | capital | | | 0 | | | |
| Risk free rate | 1.50 % | | Transpare | ncy | | 1.00 | Minorit | , interest | | | 0 | | | |
| | | | Others | | | 1.00 | Market | val. of inv | estments | | 0 | | | |
| | | | | | | | Liquidit | у | | 4 | 5 | No. of sha | ares (m) | 9.9 |
| WACC | 7.20 % | | Beta | | | 1.14 | Equity | Value | | 1,14 | 3 | Value per | share (E | UR) 114.98 |

Sensitivity Value per Share (EUR)

| | | Terminal C | Growth | | | | | | | | Delta EBI1 | -margin | | | | | |
|------|-------|------------|--------|--------|--------|--------|--------|--------|------|-------|------------|---------|---------|---------|---------|---------|---------|
| Beta | WACC | 1.25 % | 1.50 % | 1.75 % | 2.00 % | 2.25 % | 2.50 % | 2.75 % | Beta | WACC | -1.5 pp | -1.0 pp | -0.5 pp | +0.0 pp | +0.5 pp | +1.0 pp | +1.5 pp |
| 1.34 | 8.2 % | 85.83 | 87.82 | 89.97 | 92.29 | 94.80 | 97.54 | 100.52 | 1.34 | 8.2 % | 81.54 | 85.12 | 88.70 | 92.29 | 95.87 | 99.45 | 103.04 |
| 1.24 | 7.7 % | 94.56 | 97.02 | 99.69 | 102.59 | 105.75 | 109.22 | 113.04 | 1.24 | 7.7 % | 90.68 | 94.65 | 98.62 | 102.59 | 106.55 | 110.52 | 114.49 |
| 1.19 | 7.5 % | 99.50 | 102.24 | 105.23 | 108.48 | 112.06 | 115.99 | 120.34 | 1.19 | 7.5 % | 95.92 | 100.11 | 104.30 | 108.48 | 112.67 | 116.86 | 121.05 |
| 1.14 | 7.2 % | 104.87 | 107.95 | 111.30 | 114.98 | 119.03 | 123.51 | 128.49 | 1.14 | 7.2 % | 101.69 | 106.12 | 110.55 | 114.98 | 119.41 | 123.84 | 128.27 |
| 1.09 | 7.0 % | 110.75 | 114.20 | 117.99 | 122.16 | 126.78 | 131.91 | 137.65 | 1.09 | 7.0 % | 108.07 | 112.77 | 117.47 | 122.16 | 126.86 | 131.55 | 136.25 |
| 1.04 | 6.7 % | 117.20 | 121.10 | 125.39 | 130.14 | 135.43 | 141.34 | 148.00 | 1.04 | 6.7 % | 115.16 | 120.16 | 125.15 | 130.14 | 135.14 | 140.13 | 145.12 |
| 0.94 | 6.2 % | 132.15 | 137.19 | 142.80 | 149.07 | 156.14 | 164.16 | 173.34 | 0.94 | 6.2 % | 131.99 | 137.68 | 143.38 | 149.07 | 154.77 | 160.46 | 166.16 |

• Financial liabilities are also related to the lease of the company building.

• The beta takes into consideration the low liquidity of the share.

• The structural growth of the vision technology market forms the basis of Basler's revenue increases.



Free Cash Flow Value Potential

Warburg Research's valuation tool "FCF Value Potential" reflects the ability of the company to generate sustainable free cash flows. It is based on the "FCF potential" - a FCF "ex growth" figure - which assumes unchanged working capital and pure maintenance capex. A value indication is derived via the perpetuity of a given year's "FCF potential" with consideration of the weighted costs of capital. The fluctuating value indications over time add a timing element to the DCF model (our preferred valuation tool).

| in EUR m | 201 | 17 | 2018 | 2019 | 2020 | 2021e | 2022e | 2023e |
|------------------------------------------------|------------------|----|--------|--------|--------|---------|---------|---------|
| Net Income before minorities | 21 | .6 | 17.0 | 12.9 | 15.1 | 25.5 | 28.4 | 31.8 |
| + Depreciation + Amortisation | 9 | .2 | 11.1 | 12.9 | 14.5 | 19.3 | 20.0 | 20.5 |
| Net Interest Income | -0 | .7 | -0.3 | -0.1 | 0.4 | -0.8 | -0.8 | -0.8 |
| Maintenance Capex | | .8 | 2.9 | 5.0 | 0.0 | 6.7 | 7.7 | 8.8 |
| + Other | 0 | .3 | -2.1 | -10.0 | -3.3 | 0.3 | 0.3 | 0.3 |
| = Free Cash Flow Potential | 29 | .0 | 23.4 | 10.9 | 26.0 | 39.1 | 41.7 | 44.7 |
| FCF Potential Yield (on market EV) | 7.2 | % | 4.1 % | 2.3 % | 4.8 % | 3.2 % | 3.4 % | 3.7 % |
| WACC | 7.20 | % | 7.20 % | 7.20 % | 7.20 % | 7.20 % | 7.20 % | 7.20 % |
| = Enterprise Value (EV) | 402 | .6 | 564.9 | 482.6 | 539.5 | 1,235.5 | 1,222.5 | 1,210.2 |
| = Fair Enterprise Value | 402 | .6 | 325.1 | 151.6 | 360.5 | 542.4 | 579.5 | 620.1 |
| - Net Debt (Cash) | -2 | .8 | -2.8 | -2.8 | -2.8 | -12.4 | -25.4 | -37.7 |
| Pension Liabilities | 1 | .1 | 1.1 | 1.1 | 1.1 | 1.9 | 1.9 | 1.9 |
| - Other | 0 | .0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Market value of minorities | | .0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| + Market value of investments | 0 | .0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| = Fair Market Capitalisation | 404 | .4 | 326.9 | 153.3 | 362.2 | 552.9 | 603.1 | 655.9 |
| Number of shares, average | 9 | .6 | 9.6 | 9.9 | 10.0 | 10.0 | 10.0 | 10.0 |
| = Fair value per share (EUR) | 42.0 | 00 | 33.90 | 15.42 | 36.20 | 55.29 | 60.31 | 65.59 |
| premium (-) / discount (+) in % | | | | | | -55.6 % | -51.6 % | -47.4 % |
| Sensitivity Fair value per Share (El | JR) | | | | | | | |
| 10 | 0.20 % 28.3 | 76 | 23.26 | 10.94 | 25.77 | 39.57 | 43.52 | 47.63 |
| | 9.20 % 31.8 | 37 | 25.77 | 12.11 | 28.55 | 43.76 | 47.99 | 52.41 |
| | 3.20 % 35.7 | 73 | 28.89 | 13.56 | 32.01 | 48.96 | 53.55 | 58.36 |
| | .20 % 40. | | 32.88 | 15.42 | 36.43 | 55.61 | 60.66 | 65.97 |
| | 6.20 % 47.2 | | 38.15 | 17.88 | 42.28 | 64.41 | 70.05 | 76.02 |
| | 5.20 % 56.2 | | 45.45 | 21.28 | 50.37 | 76.58 | 83.06 | 89.94 |
| 4 | 1.20 % 69.5 | 58 | 56.22 | 26.30 | 62.31 | 94.55 | 102.26 | 110.48 |

Adjustment of the capitalised R&D impact

• The capex requirements for machinery and plant are low.



| Valuation | | | | | | | |
|-------------------------------------|--------|--------|--------|--------|--------|--------|--------|
| | 2017 | 2018 | 2019 | 2020 | 2021e | 2022e | 2023e |
| Price / Book | 6.2 x | 7.4 x | 4.5 x | 4.7 x | 9.2 x | 8.0 x | 7.0 x |
| Book value per share ex intangibles | 4.22 | 3.57 | 4.10 | 5.00 | 6.66 | 8.32 | 10.08 |
| EV / Sales | 2.7 x | 3.8 x | 3.0 x | 3.2 x | 5.5 x | 4.8 x | 4.1 x |
| EV / EBITDA | 10.2 x | 15.7 x | 16.1 x | 15.6 x | 22.5 x | 20.3 x | 18.5 x |
| EV / EBIT | 13.2 x | 22.8 x | 28.4 x | 26.9 x | 34.6 x | 30.4 x | 26.9 x |
| EV / EBIT adj.* | 13.2 x | 22.8 x | 28.4 x | 26.9 x | 34.6 x | 30.4 x | 26.9 x |
| P / FCF | 17.2 x | 61.9 x | n.a. | 39.1 x | 82.0 x | 62.0 x | 61.4 x |
| P/E | 18.8 x | 32.7 x | 36.4 x | 35.8 x | 48.9 x | 43.9 x | 39.2 x |
| P / E adj.* | 18.8 x | 32.7 x | 36.4 x | 37.0 x | 48.9 x | 43.9 x | 39.2 x |
| Dividend Yield | 1.6 % | 0.9 % | 0.6 % | 1.1 % | 0.6 % | 0.7 % | 0.8 % |
| FCF Potential Yield (on market EV) | 7.2 % | 4.1 % | 2.3 % | 4.8 % | 3.2 % | 3.4 % | 3.7 % |
| *Adjustments made for: - | | | | | | | |

Company Specific Items

| | 2017 | 2018 | 2019 | 2020 | 2021e | 2022e | 2023e |
|----------------------|---------|---------|---------|---------|---------|---------|---------|
| revenue per employee | 298.02 | 249.59 | 234.34 | 211.23 | 211.23 | 211.23 | 211.23 |
| Camera Units | 430,000 | 399,000 | 360,000 | 450,000 | 544,500 | 658,845 | 797,202 |
| Book to Bill | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| ASP | 349 | 376 | 450 | 379 | 413 | 391 | 367 |



Consolidated profit and loss

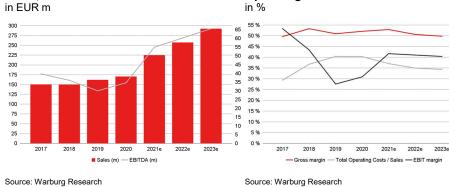
| In EUR m | 2017 | 2018 | 2019 | 2020 | 2021e | 2022e | 2023e |
|--------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|
| Sales | 150.2 | 150.0 | 162.0 | 170.5 | 224.8 | 257.3 | 292.4 |
| Change Sales yoy | 54.0 % | -0.1 % | 8.0 % | 5.2 % | 31.9 % | 14.5 % | 13.6 % |
| COGS | 75.7 | 70.1 | 79.5 | 81.7 | 105.9 | 127.1 | 146.8 |
| Gross profit | 74.5 | 79.9 | 82.4 | 88.7 | 118.9 | 130.2 | 145.6 |
| Gross margin | 49.6 % | 53.3 % | 50.9 % | 52.0 % | 52.9 % | 50.6 % | 49.8 % |
| Research and development | 10.8 | 18.8 | 17.9 | 21.7 | 30.9 | 31.4 | 35.3 |
| Sales and marketing | 19.6 | 23.0 | 31.5 | 30.6 | 34.3 | 37.9 | 42.1 |
| Administration expenses | 13.1 | 12.7 | 15.8 | 17.4 | 18.2 | 19.9 | 22.1 |
| Other operating expenses | 1.2 | 1.4 | 1.0 | 0.2 | 0.8 | 1.4 | 1.6 |
| Other operating income | 0.7 | 0.8 | 0.8 | 1.1 | 1.0 | 0.6 | 0.5 |
| Unfrequent items | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EBITDA | 39.7 | 36.0 | 30.0 | 34.6 | 54.9 | 60.2 | 65.5 |
| Margin | 26.4 % | 24.0 % | 18.5 % | 20.3 % | 24.4 % | 23.4 % | 22.4 % |
| Depreciation of fixed assets | 3.6 | 3.2 | 5.0 | 6.3 | 6.0 | 6.2 | 6.2 |
| EBITA | 36.1 | 32.8 | 25.0 | 28.3 | 48.9 | 54.0 | 59.3 |
| Amortisation of intangible assets | 5.6 | 7.9 | 8.0 | 8.2 | 13.3 | 13.8 | 14.3 |
| Goodwill amortisation | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EBIT | 30.5 | 24.8 | 17.0 | 20.1 | 35.7 | 40.2 | 45.0 |
| Margin | 20.3 % | 16.6 % | 10.5 % | 11.8 % | 15.9 % | 15.6 % | 15.4 % |
| EBIT adj. | 30.5 | 24.8 | 17.0 | 20.1 | 35.7 | 40.2 | 45.0 |
| Interest income | 0.3 | 0.2 | 1.0 | 1.1 | 0.2 | 0.2 | 0.2 |
| Interest expenses | 1.0 | 0.5 | 1.1 | 0.8 | 1.0 | 1.0 | 1.0 |
| Other financial income (loss) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EBT | 29.8 | 24.5 | 16.9 | 20.4 | 34.9 | 39.4 | 44.2 |
| Margin | 19.8 % | 16.3 % | 10.4 % | 12.0 % | 15.5 % | 15.3 % | 15.1 % |
| Total taxes | 8.2 | 7.5 | 4.0 | 5.3 | 9.4 | 11.0 | 12.4 |
| Net income from continuing operations | 21.6 | 17.0 | 12.9 | 15.1 | 25.5 | 28.4 | 31.8 |
| Income from discontinued operations (net of tax) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Net income before minorities | 21.6 | 17.0 | 12.9 | 15.1 | 25.5 | 28.4 | 31.8 |
| Minority interest | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Net income | 21.6 | 17.0 | 12.9 | 15.1 | 25.5 | 28.4 | 31.8 |
| Margin | 14.4 % | 11.3 % | 7.9 % | 8.9 % | 11.3 % | 11.0 % | 10.9 % |
| Number of shares, average | 9.6 | 9.6 | 9.9 | 10.0 | 10.0 | 10.0 | 10.0 |
| EPS | 2.25 | 1.76 | 1.29 | 1.51 | 2.55 | 2.84 | 3.18 |
| EPS adj. | 2.25 | 1.76 | 1.29 | 1.46 | 2.55 | 2.84 | 3.18 |
| *Adjustments made for: | | | | | | | |

Guidance: 2021 sales EUR 205-225m, EBT margin 13.0-15.5%

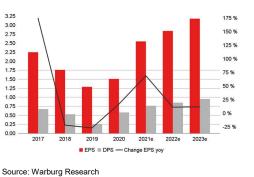
Financial Ratios

| | 2017 | 2018 | 2019 | 2020 | 2021e | 2022e | 2023e |
|-------------------------------|---------|---------|---------|---------|---------|---------|---------|
| Total Operating Costs / Sales | 29.3 % | 36.7 % | 40.4 % | 40.3 % | 37.0 % | 35.0 % | 34.4 % |
| Operating Leverage | 2.8 x | 140.8 x | -3.9 x | 3.4 x | 2.4 x | 0.9 x | 0.9 x |
| EBITDA / Interest expenses | 40.5 x | 78.2 x | 28.3 x | 45.0 x | 57.8 x | 60.2 x | 65.5 x |
| Tax rate (EBT) | 27.4 % | 30.6 % | 23.9 % | 26.0 % | 27.0 % | 28.0 % | 28.0 % |
| Dividend Payout Ratio | 30.0 % | 30.0 % | 20.1 % | 38.4 % | 30.0 % | 30.0 % | 30.0 % |
| Sales per Employee | 298,018 | 249,589 | 189,872 | 199,835 | 247,033 | 268,021 | 304,583 |





Performance per Share



Operating Performance

20.0 %

17.5 %

15.0 %

12.5 %

10.0 %

7.5 %

5.0 %

2.5 %

0.0 %

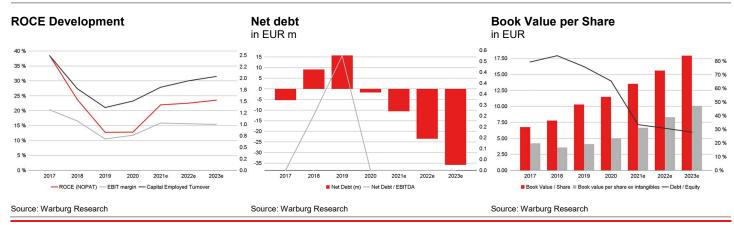
Consolidated balance sheet



| Consolidated balance sheet | | | | | | | |
|---------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| In EUR m | 2017 | 2018 | 2019 | 2020 | 2021e | 2022e | 2023e |
| Assets | | | | | | | |
| Goodwill and other intangible assets | 24.6 | 40.8 | 62.0 | 64.8 | 68.6 | 72.8 | 78.5 |
| thereof other intangible assets | 1.5 | 6.5 | 16.8 | 31.0 | 33.1 | 35.4 | 38.1 |
| thereof Goodwill | 3.1 | 12.7 | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 |
| Property, plant and equipment | 21.3 | 22.5 | 30.6 | 29.3 | 27.8 | 26.7 | 26.4 |
| Financial assets | 1.7 | 1.7 | 4.6 | 2.2 | 2.2 | 2.2 | 2.2 |
| Other long-term assets | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Fixed assets | 47.5 | 65.1 | 97.2 | 96.3 | 98.5 | 101.7 | 107.0 |
| Inventories | 20.8 | 21.0 | 20.9 | 20.0 | 32.1 | 36.2 | 41.2 |
| Accounts receivable | 11.1 | 18.2 | 19.4 | 19.5 | 17.9 | 21.1 | 24.0 |
| Liquid assets | 36.0 | 31.8 | 35.2 | 47.9 | 25.6 | 38.5 | 50.8 |
| Other short-term assets | 2.2 | 2.8 | 8.5 | 6.5 | 6.5 | 6.5 | 6.5 |
| Current assets | 70.2 | 73.9 | 84.0 | 93.8 | 82.0 | 102.3 | 122.5 |
| Total Assets | 117.7 | 139.0 | 181.2 | 190.1 | 180.6 | 204.0 | 229.5 |
| Liabilities and shareholders' equity | | | | | | | |
| Subscribed capital | 3.2 | 3.2 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Capital reserve | 3.1 | 5.3 | 22.4 | 22.6 | 22.6 | 22.6 | 22.6 |
| Retained earnings | 59.0 | 66.5 | 74.8 | 87.1 | 112.6 | 141.0 | 172.8 |
| Other equity components | 0.3 | 0.5 | -4.2 | -4.8 | -10.0 | -17.6 | -26.2 |
| Shareholders' equity | 65.6 | 75.5 | 103.0 | 114.9 | 135.2 | 155.9 | 179.2 |
| Minority interest | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total equity | 65.6 | 75.5 | 103.0 | 114.9 | 135.2 | 155.9 | 179.2 |
| Provisions | 7.2 | 8.3 | 8.2 | 9.4 | 10.8 | 11.1 | 11.4 |
| thereof provisions for pensions and similar obligations | 1.4 | 1.2 | 0.9 | 1.1 | 1.9 | 1.9 | 1.9 |
| Financial liabilities (total) | 29.3 | 39.8 | 50.0 | 45.1 | 13.1 | 13.1 | 13.1 |
| Short-term financial liabilities | 0.0 | 1.8 | 5.3 | 4.1 | 4.1 | 4.1 | 4.1 |
| Accounts payable | 10.1 | 7.4 | 10.6 | 11.1 | 11.7 | 14.1 | 16.0 |
| Other liabilities | 5.5 | 7.9 | 9.4 | 9.7 | 9.7 | 9.7 | 9.7 |
| Liabilities | 52.1 | 63.4 | 78.2 | 75.2 | 45.3 | 48.0 | 50.2 |
| Total liabilities and shareholders' equity | 117.7 | 139.0 | 181.2 | 190.1 | 180.6 | 204.0 | 229.5 |

Financial Ratios

| | 2017 | 2018 | 2019 | 2020 | 2021e | 2022e | 2023e |
|-------------------------------------|--------|--------|--------|--------|--------|---------|---------|
| Efficiency of Capital Employment | | | | | | | |
| Operating Assets Turnover | 3.5 x | 2.8 x | 2.7 x | 3.0 x | 3.4 x | 3.7 x | 3.9 x |
| Capital Employed Turnover | 2.5 x | 1.8 x | 1.4 x | 1.5 x | 1.8 x | 1.9 x | 2.0 x |
| ROA | 45.5 % | 26.1 % | 13.2 % | 15.7 % | 25.9 % | 27.9 % | 29.7 % |
| Return on Capital | | | | | | | |
| ROCE (NOPAT) | 38.4 % | 23.8 % | 12.7 % | 12.8 % | 21.9 % | 22.5 % | 23.5 % |
| ROE | 37.4 % | 24.1 % | 14.4 % | 13.9 % | 20.4 % | 19.5 % | 19.0 % |
| Adj. ROE | 37.4 % | 24.1 % | 14.4 % | 13.4 % | 20.4 % | 19.5 % | 19.0 % |
| Balance sheet quality | | | | | | | |
| Net Debt | -5.3 | 9.1 | 15.7 | -1.7 | -10.5 | -23.5 | -35.8 |
| Net Financial Debt | -6.7 | 8.0 | 14.9 | -2.8 | -12.4 | -25.4 | -37.7 |
| Net Gearing | -8.1 % | 12.1 % | 15.3 % | -1.5 % | -7.8 % | -15.1 % | -20.0 % |
| Net Fin. Debt / EBITDA | n.a. | 22.2 % | 49.6 % | n.a. | n.a. | n.a. | n.a. |
| Book Value / Share | 6.8 | 7.8 | 10.3 | 11.5 | 13.5 | 15.6 | 17.9 |
| Book value per share ex intangibles | 4.2 | 3.6 | 4.1 | 5.0 | 6.7 | 8.3 | 10.1 |



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Consolidated cash flow statement



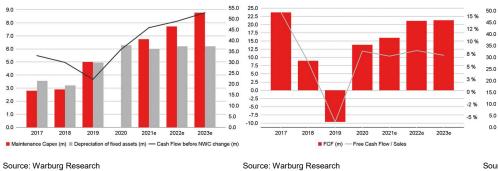
| In EUR m | 2017 | 2018 | 2019 | 2020 | 2021e | 2022e | 2023e |
|--------------------------------------------------------|------|-------|-------|-------|-------|-------|-------|
| Net income | 21.6 | 17.0 | 12.9 | 15.1 | 25.5 | 28.4 | 31.8 |
| Depreciation of fixed assets | 3.6 | 3.2 | 5.0 | 6.3 | 6.0 | 6.2 | 6.2 |
| Amortisation of goodwill | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Amortisation of intangible assets | 5.6 | 7.9 | 8.0 | 8.2 | 13.3 | 13.8 | 14.3 |
| Increase/decrease in long-term provisions | 0.0 | 0.0 | -0.1 | 1.1 | 0.8 | 0.0 | 0.0 |
| Other non-cash income and expenses | 2.3 | 1.7 | -3.7 | 5.1 | 0.3 | 0.5 | 0.5 |
| Cash Flow before NWC change | 33.1 | 29.9 | 22.1 | 35.9 | 45.9 | 48.9 | 52.8 |
| Increase / decrease in inventory | -5.8 | 2.2 | 0.1 | 0.9 | -12.1 | -4.1 | -5.0 |
| Increase / decrease in accounts receivable | -0.5 | -6.4 | -1.1 | -0.1 | 1.6 | -3.2 | -2.9 |
| Increase / decrease in accounts payable | 5.3 | -4.5 | 3.2 | 0.5 | 0.6 | 2.4 | 1.9 |
| Increase / decrease in other working capital positions | -0.3 | 5.8 | 0.5 | 0.1 | 1.4 | 0.3 | 0.3 |
| Increase / decrease in working capital (total) | -1.3 | -2.9 | 2.7 | 1.5 | -8.4 | -4.6 | -5.7 |
| Net cash provided by operating activities [1] | 31.8 | 27.0 | 24.7 | 37.3 | 37.5 | 44.3 | 47.2 |
| Investments in intangible assets | -4.0 | -13.6 | -29.3 | -20.6 | -17.0 | -18.0 | -20.0 |
| Investments in property, plant and equipment | -4.1 | -4.5 | -5.1 | -2.7 | -4.5 | -5.1 | -5.8 |
| Payments for acquisitions | -1.9 | -7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Financial investments | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Income from asset disposals | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 |
| Net cash provided by investing activities [2] | -9.8 | -25.7 | -34.2 | -23.3 | -21.4 | -23.0 | -25.7 |
| Change in financial liabilities | -1.3 | 4.8 | -1.8 | 2.3 | -32.0 | 0.0 | 0.0 |
| Dividends paid | -2.4 | -6.5 | -5.1 | -2.6 | -5.8 | -7.7 | -8.5 |
| Purchase of own shares | -0.7 | -3.3 | 20.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| Capital measures | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 | 0.0 |
| Other | -1.1 | -0.5 | -1.0 | -0.8 | -0.6 | -0.6 | -0.6 |
| Net cash provided by financing activities [3] | -5.4 | -5.5 | 13.0 | -1.3 | -38.4 | -8.3 | -9.1 |
| Change in liquid funds [1]+[2]+[3] | 16.6 | -4.2 | 3.5 | 12.7 | -22.3 | 13.0 | 12.3 |
| Effects of exchange-rate changes on cash | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Cash and cash equivalent at end of period | 36.0 | 31.8 | 35.3 | 47.9 | 25.6 | 38.5 | 50.8 |

Financial Ratios

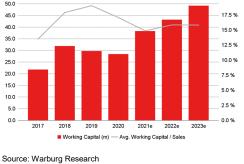
| | 2017 | 2018 | 2019 | 2020 | 2021e | 2022e | 2023e |
|--------------------------------------|---------|---------|---------|---------|---------|---------|---------|
| | 2017 | 2010 | 2013 | 2020 | 20216 | 20226 | 20236 |
| Cash Flow | | | | | | | |
| FCF | 23.7 | 9.0 | -9.6 | 13.8 | 16.0 | 21.1 | 21.3 |
| Free Cash Flow / Sales | 15.8 % | 6.0 % | -5.9 % | 8.1 % | 7.1 % | 8.2 % | 7.3 % |
| Free Cash Flow Potential | 29.0 | 23.4 | 10.9 | 26.0 | 39.1 | 41.7 | 44.7 |
| Free Cash Flow / Net Profit | 109.5 % | 52.7 % | -74.6 % | 91.6 % | 62.6 % | 74.4 % | 66.9 % |
| Interest Received / Avg. Cash | 1.0 % | 0.5 % | 2.9 % | 2.7 % | 0.5 % | 0.6 % | 0.4 % |
| Interest Paid / Avg. Debt | 3.7 % | 1.3 % | 2.4 % | 1.6 % | 3.3 % | 7.6 % | 7.6 % |
| Management of Funds | | | | | | | |
| Investment ratio | 5.4 % | 12.0 % | 21.2 % | 13.7 % | 9.6 % | 9.0 % | 8.8 % |
| Maint. Capex / Sales | 1.9 % | 1.9 % | 3.1 % | 0.0 % | 3.0 % | 3.0 % | 3.0 % |
| Capex / Dep | 88.3 % | 161.8 % | 265.4 % | 160.6 % | 111.7 % | 115.7 % | 126.1 % |
| Avg. Working Capital / Sales | 13.5 % | 17.9 % | 19.0 % | 17.1 % | 14.8 % | 15.8 % | 15.8 % |
| Trade Debtors / Trade Creditors | 109.5 % | 246.9 % | 183.1 % | 175.9 % | 153.0 % | 149.6 % | 150.0 % |
| Inventory Turnover | 3.6 x | 3.3 x | 3.8 x | 4.1 x | 3.3 x | 3.5 x | 3.6 × |
| Receivables collection period (days) | 27 | 44 | 44 | 42 | 29 | 30 | 30 |
| Payables payment period (days) | 49 | 39 | 49 | 49 | 40 | 40 | 40 |
| Cash conversion cycle (Days) | 79 | 115 | 91 | 82 | 99 | 93 | 93 |

Free Cash Flow Generation

CAPEX and Cash Flow in EUR m



Working Capital



COMMENT

Published 06.08.2021

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| Company | Disclosure | Link to the historical price targets and rating changes (last 12 months) |
|---------|------------|--------------------------------------------------------------------------|
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Investment recommendation: expected direction of the share price development of the financial instrument up to the given <u>price target</u> in the opinion of the analyst who covers this financial instrument.

| -B- | Buy: | The price of the analysed financial instrument is expected to rise over the next 12 months. | | |
|-----|-------------------|-----------------------------------------------------------------------------------------------------------|--|--|
| -H- | Hold: | The price of the analysed financial instrument is expected to remain mostly flat over the next 12 months. | | |
| -S- | Sell: | The price of the analysed financial instrument is expected to fall over the next 12 months. | | |
| "_" | Rating suspended: | The available information currently does not permit an evaluation of the company. | | |

WARBURG RESEARCH GMBH - ANALYSED RESEARCH UNIVERSE BY RATING

| Rating | Number of stocks | % of Universe |
|------------------|------------------|---------------|
| Buy | 153 | 71 |
| Hold | 56 | 26 |
| Sell | 4 | 2 |
| Rating suspended | 2 | 1 |
| Total | 215 | 100 |

WARBURG RESEARCH GMBH – ANALYSED RESEARCH UNIVERSE BY RATING ...

... taking into account only those companies which were provided with major investment services in the last twelve months.

| Rating | Number of stocks | % of Universe |
|------------------|------------------|---------------|
| Buy | 43 | 81 |
| Hold | 8 | 15 |
| Sell | 0 | 0 |
| Rating suspended | 2 | 4 |
| Total | 53 | 100 |

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