

LOOKING IS HUMAN, BUT EXPOSING DATA IN PUBLIC IS A COMPLIANCE RISK.

Digital security ends at the screen, not at the firewall. Visual hacking, also known as "shoulder surfing", is one of the most obvious and most frequently underestimated forms of attack in use.



The consequences are serious: according to a survey by Bitkom, attacks involving espionage, theft and sabotage cost the German economy alone 223 billion euros a year. Situations where screens are easily visible in offices, at public counters or in mobile working environments are particularly critical.

Regulatory obligations and compliance

Since 2018, the European General Data Protection Regulation (GDPR) has required all companies to protect personal data. Article 32 requires technical and organisational access protection, including stopping third parties from gaining sight of data. This applies to stationary and mobile devices.

Risks of non-compliance

Inadequate protective measures may be categorised as a GDPR violation following a data breach. The consequences are far-reaching. Fines of up to ten million euros or up to two per cent of global annual turnover may be imposed.

Reputational risk as a decisive factor

Curious glances cannot be prevented. But an unprotected screen is an indication of a lack of professionalism and care. We see this critical situation everywhere – in cafés, on trains, on aeroplanes. A privacy filter, however, actively demonstrates responsible behaviour and conveys the message to any onlooker that confidentiality is your top priority.

Management Summary

Physical privacy protection directly strengthens the IT security architecture and documents compliance with due diligence requirements in open and mobile working environments. Privacy filters comply with the GDPR requirements regarding access control and confidentiality under Article 32(1) point (b).

DICOTA has the most comprehensive range of filters on the market. In addition to classic two-way filters for protection from the side, we offer four-way filters with additional protection from above and below. The portfolio also includes anti-glare films for optimum readability and antimicrobial protective films for touchscreens. All the variants we offer are available with various attachment systems and can be customised precisely to meet your individual requirements.

		2-way privacy filter			4-way privacy filter			Anti-glare	Antimicrobial
		magnetic	side fitting	self-adhesive	magnetic	side fitting	self-adhesive	self-adhesive	self-adhesive
 Attachment		 as appropriate	 as appropriate	 semi-permanent	 as appropriate	 as appropriate	 semi-permanent	 semi-permanent	 semi-permanent
 Privacy filter		left/right	left/right	left/right	left/ right top/bottom	left/ right top/bottom	left/ right top/bottom	×	×
 Anti-glare screen		✓	✓	✓	✓	✓	✓	✓	✓
 Surfaces		matt/matt matt/glossy	matt/matt matt/glossy	matt	matt/glossy	matt/glossy	matt	matt	matt
 Touch function		✓	✓	✓	✓	✓	✓	✓	✓
 Fingerprint reduction		✓	✓	✓	✓	✓	✓	✓	✓
 Scratch resistance (hardness)		2H	2H	2H	2H	2H	2H	3H/9H	2H
 Blue light reduction		42%	42%	42%	60%	60%	60%	×	×
 Light transmission		70% (+/- 5%)	70% (+/- 5%)	70% (+/- 5%)	55% (+/- 5%)	55% (+/- 5%)	55% (+/- 5%)	91.5% (+/- 5%)	86% (+/- 5%)
 Package contents		Cleaning cloth & attachment kit	Cleaning cloth & attachment kit	Cleaning cloth	Cleaning cloth & attachment kit	Cleaning cloth & attachment kit	Cleaning cloth	Cleaning cloth	Cleaning cloth
 Main material		PET	PET	PET	PET	PET	PET	PET	PET
 Bacteria reduction		✓	✓	✓	✓	✓	✓	×	✓
 Size		up to 55"	up to 55"	up to 55"	up to 34"	up to 34"	up to 34"	up to 55"	up to 55"

THE TECHNOLOGY

Effect and technical proof

Digital security mechanisms protect stored data and data during transmission. However, the greatest vulnerability arises during active use on the screen. This is precisely where the privacy filter comes into play. The clear field of vision is limited to 60 degrees (± 30 degrees from the centre). Outside this angle, what is on the screen appears significantly darker or completely black. This is a technical way to protect your data's confidentiality.



Light transmission as a quality parameter

A high-quality two-way privacy filter offers light transmission of up to 70%. Significantly higher values reduce reflection, but do not guarantee sufficient visual protection and therefore fail to meet the requirements of the GDPR. For professional procurement, this means that only clearly defined technical specifications guarantee effective and verifiable protection.

Safety as a cornerstone: internal foundation

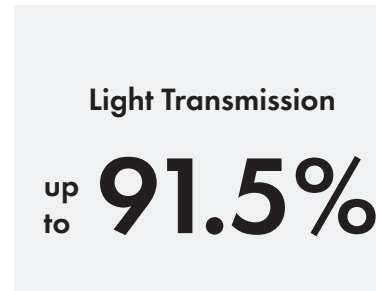
Compliance with the Data Protection Regulation starts in your own company. Reliable due diligence is always based on clear and binding standards. This includes determining which workstations require a privacy filter at all times – in open-plan offices, for example, in reception areas, in meeting rooms and in all mobile applications.

Acceptance increases when employees are specifically made aware of the risks of visual hacking and receive effective training in it. In this way, protection against visual hacking becomes a natural part of everyday working life.

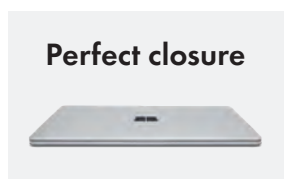
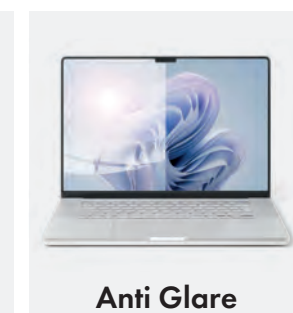
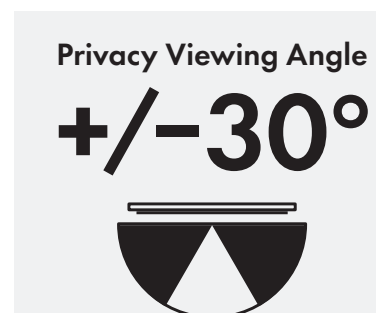
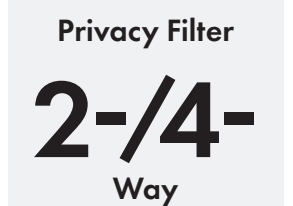
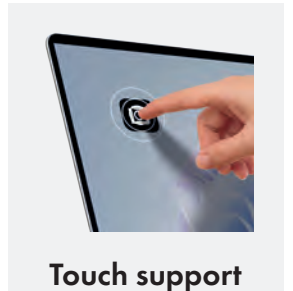


WE CARE

By using laser cutting in our manufacturing in Germany, we minimise material waste and reduce CO₂ emissions by over 70% through short transport routes. A clear commitment to Europe as a production location.



FILTERS FOR ALL DEVICES



MAGNETIC FILTER: NEW APPROACH TO VISUAL PROTECTION

The new generation of DICOTA privacy screen technology revolutionises data protection in the workplace. For the first time, a uniform protection concept can be applied to everything from tablets to large desktop monitors.



The secret lies in the cleverly designed magnetic attachment. Whether using integrated device magnets or discreet magnetic strips, the filter immediately fits perfectly and can be removed in seconds. An elegant solution that adapts to the dynamic requirements of modern working environments.

Conventional attachment systems frequently fail because they are cumbersome. The magnetic solution sets new standards in this area. The result – optimal visual protection becomes a natural part of everyday working life, without compromising on image quality or ease of use.

Seamless magnetic attachment

The magnetic attachment works by means of integrated magnets or discreetly positioned magnetic points. No complicated installation: the filter adheres perfectly, offering flexible visual protection as required.

Compatible with touchscreens

The anti-fingerprint coating effectively reduces smudges and fingerprints on the surface of the filter.

Blue light reduction

The integrated blue light filter effectively protects your eyes. It reduces harmful blue light radiation from device screens by more than 40%, thereby helping to prevent eye strain and sleep disorders.



Protecting your privacy

The privacy filter guarantees a crystal-clear view of the work on your screen within a direct 60° field of vision. For anyone outside this area, the screen becomes completely black thanks to the special filter structure, therefore providing reliable protection from unwanted glances.



TAILOR-MADE SECURITY PERFECT FIT FOR YOUR DEVICE FLEET

The effectiveness of any privacy filter depends directly on how precisely it fits. Even slight anomalies can easily compromise fit, comfort and protection. Only a precisely tailored filter will fit securely, will effectively reduce unwanted viewing and will be used consistently in everyday application.

DICOTA manufactures customised privacy filters according to exact device specifications for orders of 50 pieces or more. Production in Germany is a guarantee of high precision, short delivery routes and fast response times. This is a significant advantage, particularly for large projects and roll-outs.

TAILOR MADE



STANDARD



Professional all-round protection: while privacy filters protect the display contents, custom-made DICOTA protective films also protect the top and bottom of high-quality notebooks from scratches and wear. This additional protection pays off, especially for leased equipment. Returning an item in immaculate condition significantly increases its resale value. An economically sound investment.