

**DATA MODUL**

# High brightness displays

Optical excellence for a clear view



**Passion Displayed**

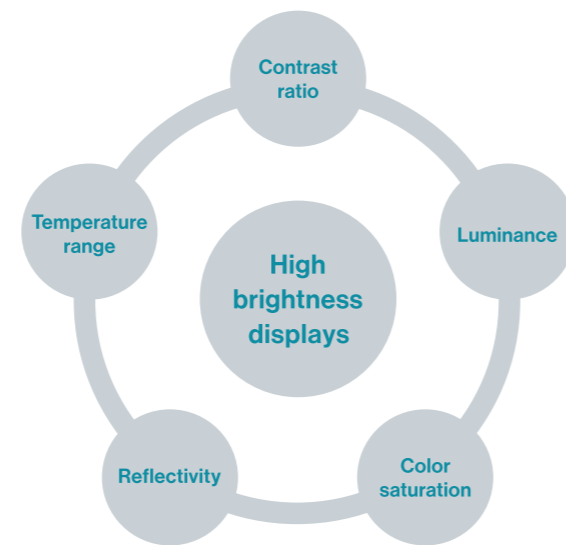


## Optimum image presentation

### Discover high brightness displays

Experience a new dimension of visual brilliance with high brightness displays designed for professional outdoor use.

Convince yourself of the numerous advantages for your outdoor applications!



Our high brightness displays fulfil these requirements effortlessly while offering first-class performance and reliability in outdoor applications. With a wide operating temperature range of -30°C to 85°C, outstanding brightness and contrast, a wide viewing angle of 89° from all directions and high TNI, our displays ensure outstanding visual performance in outdoor applications.

## We understand your requirements

### Addressing the key challenges

High brightness displays must fulfil stringent requirements in order to withstand in demanding environments. These include a wide operating temperature range in order to function reliably in various outdoor scenarios, as well as high brightness and contrast for a clear display - even in direct sunlight.



## Fulfilling your needs is our top priority

### Your advantages at a glance

Perfect colour reproduction	High contrasts and brightness	Dimming function	Robust components	Wide viewing angle	Reliable service	High TNI

## Wide range of models available

### Product overview

Diagonal	Min. operating temperature	Max. operating temperature	Brightness	Min. backlight lifetime
2.8	-20	70	>1000	50000
3.5	-20	70	>1000	50000
4.3	-30	85	>1000	30000
4.3	-30	85	>1000	30000
5.0	-20	70	>1000	50000
5.7	-30	85	>800	50000
7.0	-20	70	>1000	50000
10.1	-30	80	>1000	70000
11.6	-40	85	>1200	70000
12.1	-30	80	>1000	50000
15.6	-30	80	>1200	50000
21.5	-30	80	>1400	50000
75.0	0	50	>3000	30000

## Exactly tailored to your needs

### Customisation options for your unique product

- ▶ Coatings/films to improve reflective performance
- ▶ Polarisation filter for optimum readability with sunglasses
- ▶ Ambient Light Control for adjusting the brightness to ambient light conditions
- ▶ Proximity sensor for automatic activation and energy-saving functions
- ▶ Monitor/housing solutions for customised integration
- ▶ Touch function (multi-touch) for an interactive user experience
- ▶ easyKnob technology & optical encoder for precise control
- ▶ Temperature management
- ▶ UV protection
- ▶ IP/IK protection
- ▶ RFID/NFC/Bluetooth/WLAN
- ▶ Embedded solutions
- ▶ Inductive charging
- ▶ Barcode scanner

## Ideally suited for use in bright environments

### Possible applications for high brightness displays

		<ul style="list-style-type: none"> <li>▶ POS / Signage</li> <li>▶ Ticket machine / ATM</li> <li>▶ E-mobility</li> <li>▶ Transport</li> <li>▶ Marine</li> <li>▶ Portable devices</li> <li>▶ Broadcasting</li> <li>▶ Construction / agriculture</li> <li>▶ etc.</li> </ul>

For further information, please visit our website or contact your DATA MODUL sales partner at: [sales@data-modul.com](mailto:sales@data-modul.com)

# DATA MODUL

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## All good things come in threes:

With **Hardware**, **Software** and **Services**, we realise unique display solutions that turn your ideas into reality.

[www.data-modul.com](http://www.data-modul.com)

