

STREETSMART (Red/Amber)



LED DISPLAYS WITH 256 SHADES OF RED OR AMBER
Bright, durable and energy-efficient LED displays in red or amber with a light intensity of 8000 nits.



GLARE-SHIELD (ANTI-GLARE SHIELD) The non-reflective black background, combined with the unique sun shields and the absence of polycarbonate, ensures perfect image reproduction.



AUTOSHINE (AUTOMATIC DIMMING) The LED display detects the ambient light intensity and automatically adjusts to the light level under all weather conditions.



RESISTANT TO ALL WEATHER CONDITIONS The aluminum case and the internal components have been tested to withstand all weather conditions.



RUGGEDIZED POWER SUPPLY A regulated, switched industrial power supply with a weatherproof coating ensures a long lifespan.



100% FRONT SERVICEABLE All internal components (power supply, controller, ...) are accessible from the front of the display for easy maintenance.



INDUSTRIAL CONTROLLER

The industrial controller is reliable and displays very bright images and text. The industrial controller has been tested at extreme temperatures and built for a long lifespan.



SURGE PROTECTION The built-in surge protection protects all internal electronics against surges and spikes on the power grid.



ADVANCED INTERNAL COOLING

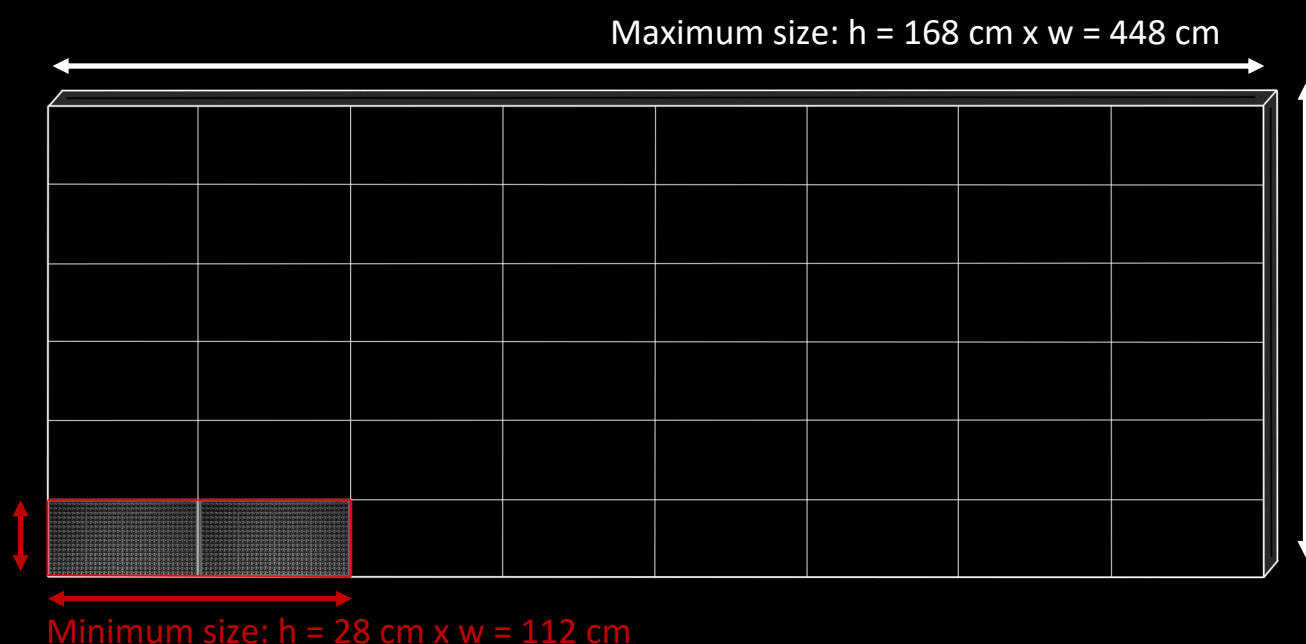
The unique design provides natural internal cooling and avoids the need to install external fans. There is no polycarbonate in front of the LEDs. A polycarbonate front lens can cause temperature problems. There is only internal cooling and no external cooling. As a result, no filters need to be replaced. No dirt can enter the display via the cooling system. The self-cooling case without external fans and filters keeps the electronics free of dust, snow, rain and dirt, allowing us to guarantee a long lifespan.

STREETSMART (Red/Amber)

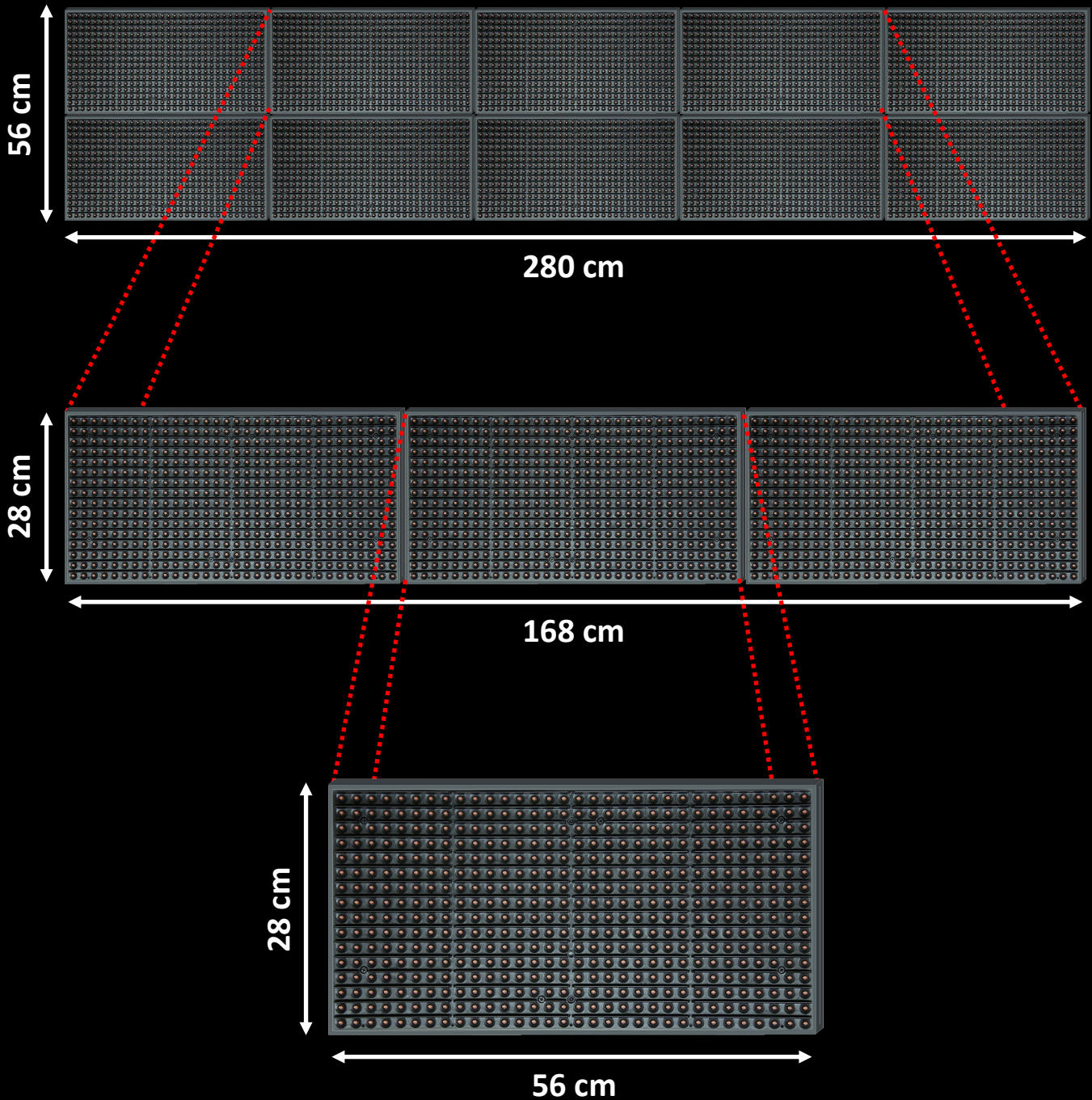
The Streetsmart is made up of modules (driverboards) of 56 cm wide and 28 cm high. These modules can be mounted side by side and on top of each other like building blocks. This allows almost any size to be built in steps of 56 cm in width and 28 cm in height.

The minimum size is 28 cm high and 112 cm wide (16 x 64 pixels). The maximum size is 168 cm high and 448 cm wide (96 x 256 pixels).

The drawing below and on the following pages illustrates the modular construction.



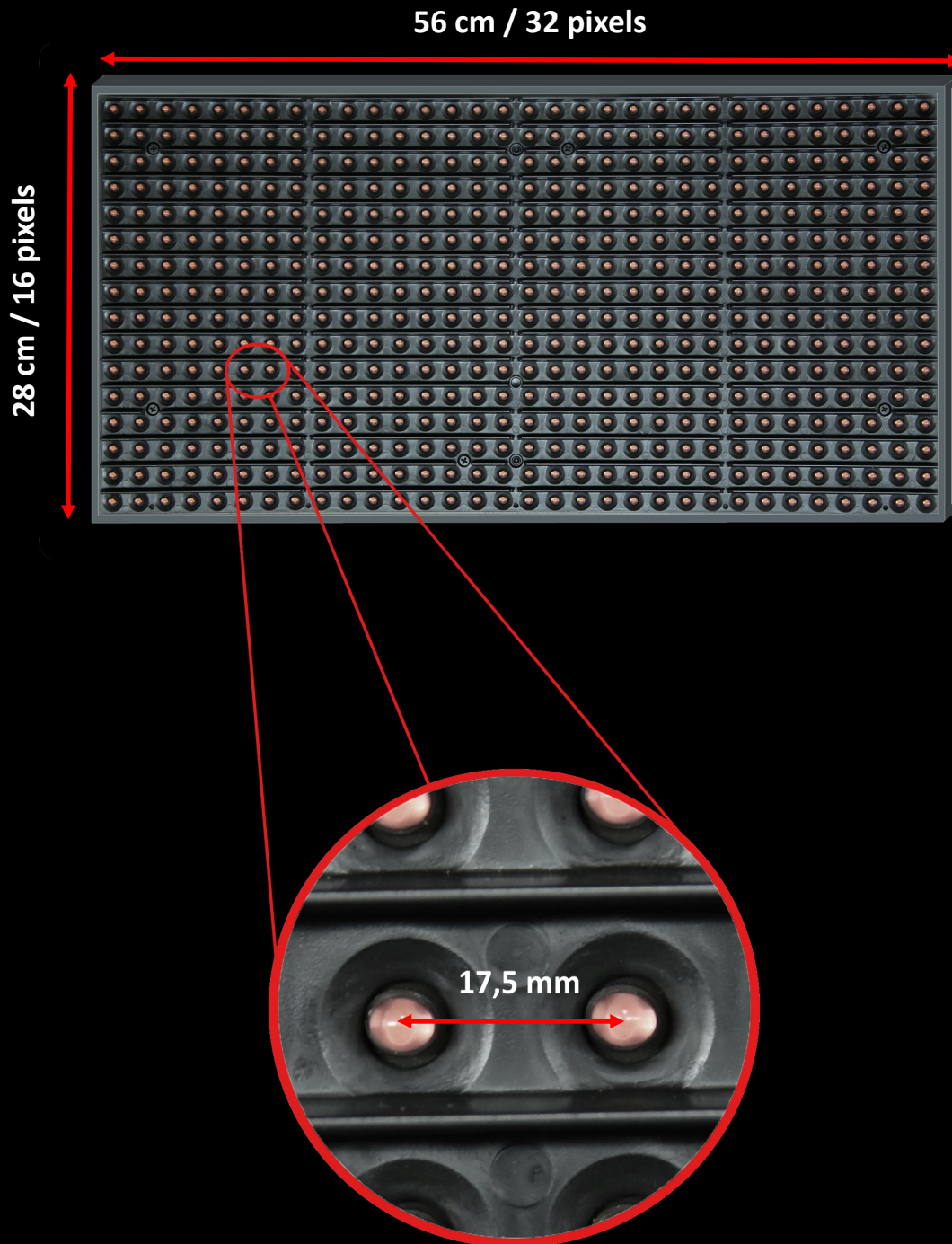
STREETSMART (Red/Amber)



We have deliberately drawn the driverboards with a line between them so that you can see the building blocks. In reality, there is of course no transition between the driverboards and no line is visible between the rows and columns of driverboards.

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A driverboard has 32 pixels (LEDs) in width and 16 pixels (LEDs) in height. The distance between these LEDs is 17,5 mm and we call this the pitch.



STREETSMART (Red/Amber)



STREETSMART 17.5 MM 32R x 160K (Red)



DISPLAY

Display dimensions	h = 560 mm x w = 2800 mm
Pixels	Rows = 32 x columns = 160
Pitch	17,5 mm
Lines per display	1, 2, 3 or 4 lines
Characters per line	9 (1 lines) / 17 (2 lines) / 17 (3 lines) / 26 (4 lines)
Character height	560 mm / 350 mm / 262 mm / 175 mm / 122 mm
Color	Red or Amber (256 shades)
Brightness	8000 nits
Viewing angle horizontal	125 degrees in full sunlight
Viewing angle vertical	90 degrees in full sunlight
Countdown clock	Countdown or count-up clock shows days (or hours or minutes)
Thermometer	Temperature display via external temperature sensor
Graphics	256-shade graphics (BMP and GIF)
Player	AlphaNET / Alpha protocol

CASE

Case	Front-serviceable stainless aluminum box
Indoor or outdoor installation	Outdoor installation
Case dimensions	h = 570 mm x w = 2810 mm x d = 250 mm
Operating temperature	-40 °C to 50 °C
Cold start	-10 °C to 50 °C
Humidity	0 to 95%
Weight	64 kg (without mounting system)
Mounting system	The mounting system is optional

POWER, MEMORY AND COMMUNICATION

Power / Power consumption	230 VAC / 50 Hz / Max. 2120 watt
Programming	AlphaNET / Alpha protocol
Communication	TCP/IP (ethernet) connection
Memory	1 GB Compact Flash Card
Real-Time clock for time and date (RTC)	Included

STREETSMART 17.5 MM 16R x 96K (Amber)



DISPLAY

Display dimensions	h = 280 mm x w = 1680 mm
Pixels	Rows = 16 x columns = 96
Pitch	17,5 mm
Lines per display	1 or 2 lines
Characters per line	10 (1 line) / 16 (2 lines)
Character height	262 mm / 175 mm / 122 mm
Color	Red or Amber (256 shades)
Brightness	8000 nits
Viewing angle horizontal	125 degrees in full sunlight
Viewing angle vertical	90 degrees in full sunlight
Countdown clock	Countdown or count-up clock shows days (or hours or minutes)
Thermometer	Temperature display via external temperature sensor
Graphics	256-shade graphics (BMP and GIF)
Player	AlphaNET / Alpha protocol

CASE

Case	Front-serviceable stainless aluminum box
Indoor or outdoor installation	Outdoor installation
Case dimensions	h = 290 mm x w = 1690 mm x d = 250 mm
Operating temperature	-40 °C to 50°C
Cold start	-10 °C to 50°C
Humidity	0 to 95%
Weight	32 kg (without mounting system)
Mounting system	The mounting system is optional

POWER, MEMORY AND COMMUNICATION

Power / Power consumption	230 VAC / 50 Hz / Max. 635 watt
Programming	AlphaNET / Alpha protocol
Communication	TCP/IP (ethernet) connection
Memory	1 GB Compact Flash Card
Real-Time clock for time and date (RTC)	Included

STREETSMART (Red/Amber)

CONTRAST / DIMMING / COOLING / FRONT LENS

Contrast

The deep black coating provides a very high contrast. The non-reflective black background, combined with the unique sun shields and the absence of polycarbonate, ensures perfect image reproduction. You should compare this with other displays with your own eyes. Call Daylight for a demo appointment.

Automatic adjustment to ambient light

Light sensor included

Display designed for ease of repair

The display driverboards in modules of 32 x 16 pixels are replaceable without opening the front door. The driverboards are screwed in from the front. The front of the display can be opened via service doors. All electronics (power supply, controller, ...) are mounted so that they can be replaced easily.

Internal temperature

Overheating protection. The unique design provides natural internal cooling and avoids the need to install external fans. There is no polycarbonate in front of the LEDs. Polycarbonate can cause temperature problems. There is only internal cooling and no external cooling, so no filters need to be replaced and no dirt can enter the display. The self-cooling case without external fans and filters keeps the electronics free of dust, snow, rain and dirt, allowing us to guarantee a long lifespan.

Display cooling method

No external fans and no filters. Instead, internal, thermostatically controlled air movement.

Front lens

No polycarbonate = no reflection = no mirror in full sun. Encapsulated waterproof LEDs without a polycarbonate front panel guarantee that no reflection whatsoever occurs. The LEDs are located on the outside of the Daylight Led Display. The sun shields also serve as vandalism protection and are far more effective than polycarbonate.

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