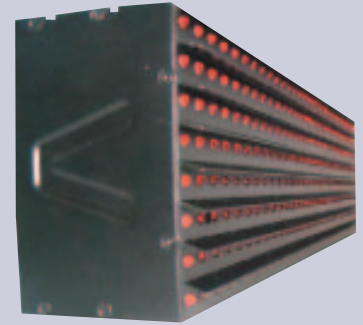
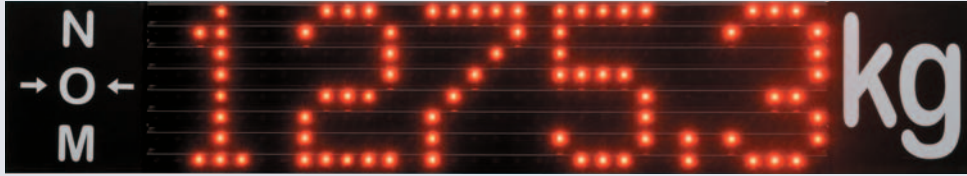


Remote Display LED

Model 4166 Display



The Atrax 4166 is a universal outdoor and indoor sign.

Its modular design permits it to be extended and stacked to build a bigger sign up to approximately 16 metres square. (3840mm x 3840mm).

Each module is built out of 8 x 32 single LED pixels placed at 15mm apart to display a minimum character height of 120mm. (4.7"). The sign is capable of displaying all of the printable ASCII characters as well as monochrome BMP graphics. Each module is capable of displaying one line only but its seamless design makes it possible to display multiple lines when stacked together.

Each module is equipped with a light sensor to automatically adjust the brightness of the sign according to the ambient light; eg. if it is used indoors it will not be as bright as if it were used outdoors. The brightness can be controlled manually to set the required level or automatically, depending on the light sensor reading.

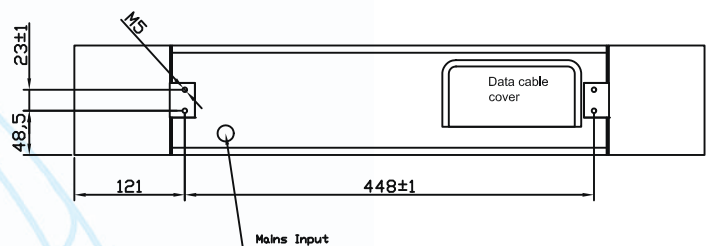
The modules can be used as a standalone display or can be networked with other modules allowing each of the modules to be addressed separately. RS232 and RS485 up to 38.4 KBPS is the standard type of communication but TCP/IP can be used if this option is required. Wireless connectivity is available as an option.

Each module (display) is controlled and monitored by its own LED pixel controller which has its own processor and does not require continuous communication with the main control software in order to perform all the functions.

Stacked and linked modules are considered one sign.

SPECIFICATIONS PER MODULE

- Outside Dimensions: 120mm (H) x 480mm (L) x 82mm (D).
- Weight: 2.53kg
- Display Area: 120mm x 480mm
- Display Matrix: 8 x 32 single colour
- Pixel pitch: 15mm
- Local IR sensor for remote control:
 - RS232 or RS385 local ports (optional)
- Maximum power: 35W
- Input voltage: 100v – 240v AC
- Approvals: UL/CE
- Brightness: 3000 CD/M
- Viewing Angle: 45 vertical and 90 horizontal
- Brightness control: Manual by software 100%, 75%, 50% and 25%
Automatic through light sensor
- Viewing Distance: Up to 50m (Depending on the font used)
- Display information: Alpha numeric symbols and graphics
- Frame Material: Black Anodised Aluminium
- Networking:
 - RS485 drop network
 - RS232 (addressed)
 - TCP/IP (optional)
 - As a print server on an IP network



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