

The D-RTNM is a universal single colour LED matrix board. It is usable as timing display board, message board or for advertisement purposes. The display can show online preloaded messages or those from the internal memory. Also small animated films can be shown on the board. The lightweight rugged aluminium case allows an easy transport of the board.

The outdoor version is excellently readable even at direct sunshine. If used at night or at rainy days, it is possible to select between 100 different brightness levels to reach the best performance of the display at any light condition.

Driving is non-multiplexed, that means that these displays will last longer and glow brighter than standard multiplexed displays. Further this function is very important e. g. if used with TV, because the display board will not flicker on the TV screen.



- Matrix display board with red LED
- Models with 3 or 4 LED per pixel
- Models for outdoor or indoor use
- Standard models with 16 pixel height and 96 or 160 length
- Universal use by Ethernet, RS485 and RS 232 interface.
- Internal memory of 4 MB to store pictures, logos, animation or competitor lists. It is possible to run the board from the internal memory.
- Possibility to operate the board directly from the terminal that operates ALGE-Multisport score boards
- Possibility to get the ID-number, time (also running time) and rank directly from ALGE timing devices (e.g. TdC 8001). Additionally it is possible to store the names and e. g. club or nation in the internal memory of the board.
- Adjustment of brightness in 100 levels
- Non-multiplex controlled LED for longer life time and higher brightness
- Built-in power supply (100 to 240 VAC)
- Rugged aluminium case with red plexiglas front

Options:

- Custom designed models with different pixel resolution on request
- Models with 7 LED per pixel
- Different colours (yellow, green, blue or white)
- Connection for temperature sensor
- Connection for DCF or GPS synchronisation (exact external time signal)

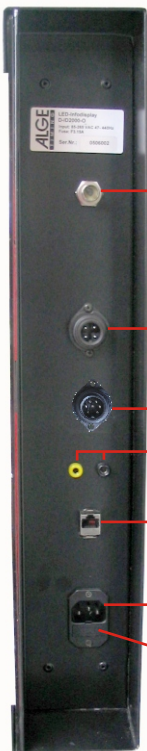


Display board controlled directly from ALGE TdC 8001





Example of a customer designed board for horse racing



DCF, GPS or temperature sensor (all optional)

RS 232 interface with 12 VDC output

Rs485 with 12 VDC output

RS 232 input (e.g. timing device)

Ethernet

Power supply 100 - 240 VAC

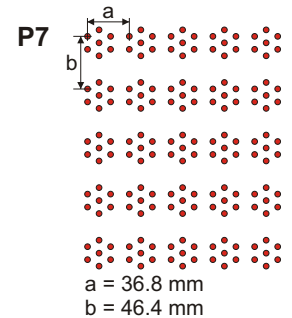
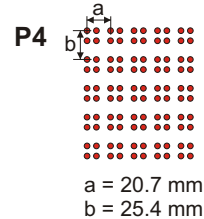
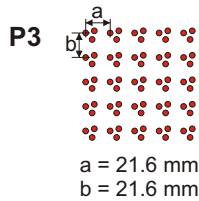
Fuse

Sample of the order code:

D-RTNM-P3-16x96-I

- I = Indoor, O = Outdoor
- Horizontal resolution in pixel
- Vertical resolution in pixel
- Pixel with 3 LED (Alternative: 4 or 7 LED)
- P3 - Pixel with 3 LEDs, H/V pitch 21.6 / 21.6 mm
- P4 - Pixel with 4 LEDs, H/V pitch 20.7 / 25.4 mm
- P7 - Pixel with 7 LEDs, H/V pitch 36.8 / 46.4 mm
- Product discription

Pixel types:



Model	LED per pixel	Vertical pixel	Horizontal pixel	Vertical pixel pitch (mm)	Horizontal pixel pitch (mm)	Length (mm)	Height (mm)	Depth (mm)	Typical use
D-RTNM-P3-16x96-I	3	16	96	21.6	21.6	2300	400	97	indoor
D-RTNM-P3-16x160-I	3	16	160	21.6	21.6	3700	400	97	indoor
D-RTNM-P4-16x96-I	4	16	96	20.7	25.4	2200	500	97	indoor
D-RTNM-P4-16x160-I	4	16	160	20.7	25.4	3500	500	97	indoor
D-RTNM-P3-16x96-O	3	16	96	21.6	21.6	2300	400	97	outdoor
D-RTNM-P3-16x160-O	3	16	160	21.6	21.6	3700	400	97	outdoor
D-RTNM-P4-16x96-O	4	16	96	20.7	25.4	2200	500	97	outdoor
D-RTNM-P4-16x160-O	4	16	160	20.7	25.4	3500	500	97	outdoor

Other models on request!