



a  pilot group company

Mini300 Plus Dual Colour Speed Display



Key features

The Mini300 Plus has a 200mm dual colour speed display (Red & Green) above a amber SLOW DOWN safety message. Manufactured from 3mm aluminium and powder coated Black Front & Back, large aluminium sign channel fitted to the rear for easy post installation using standard sign mounting clips.

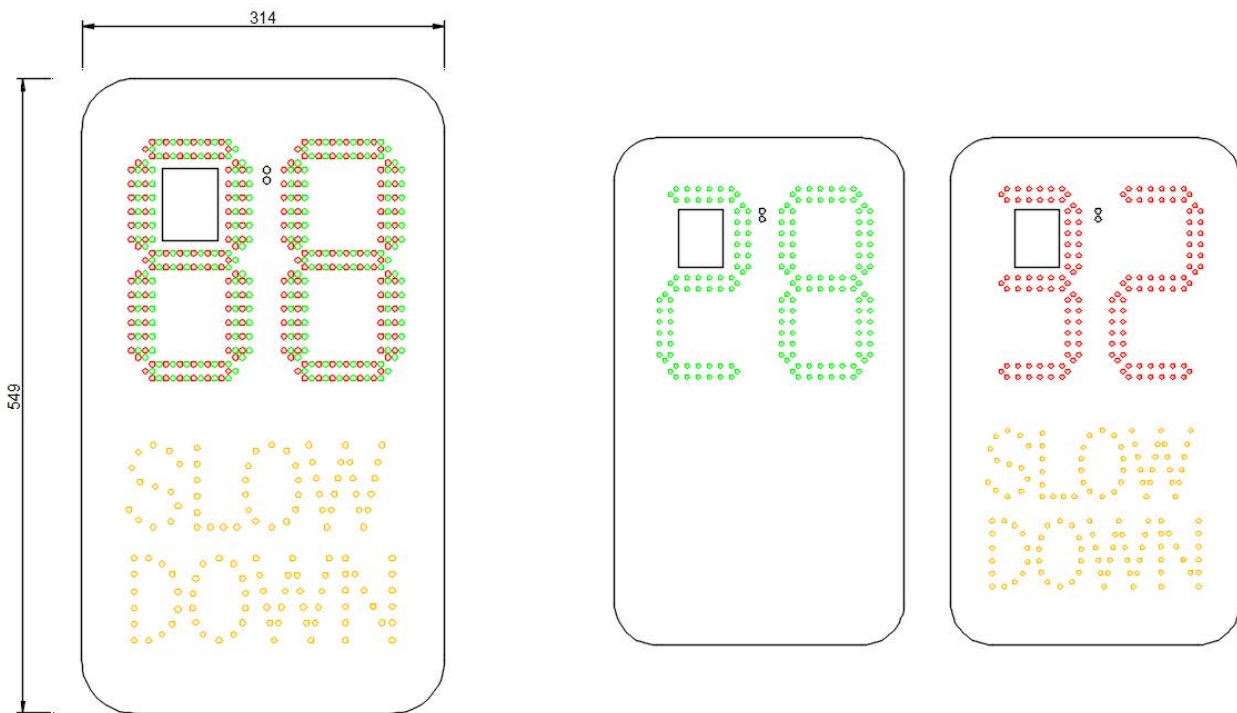
When activated by an approaching vehicle above a user definable thresholds, the sign will illuminate showing the real-time speed of the approaching vehicle if the vehicle is traveling below the speed limit the speed is displayed in green, when the vehicle is traveling above the speed limit the speed is displayed in red along with the SLOW DOWN safety message. A amber happy/sad face option is available as an alternative to the SLOW DOWN message

The brightness of the directional LEDs which make up the sign face are automatically adjusted using a inbuilt photodiode which monitors the ambient light to ensure the best performance whatever the light or weather conditions. The doppler radar is discretely positioned within the sign body, showing no external traces of a detector, yet allowing maximum detection performance.

The sign can be easily configured via computer running Microsoft Windows using a the IP rated USB socket on the back of the sign and our workbench software.

- ✓ Dual Colour Speed Display
- ✓ Amber Safety Message
- ✓ Multi-stage dimming
- ✓ Fully enclosed anti-vandal unit
- ✓ Lightweight robust aluminium casing
- ✓ No calibration required
- ✓ High performance LED output
- ✓ Channel rail on the rear for easy installation

Sign Drawing Example



Radar Sensor

Manufacturer	Kestrel Radar Sensors
Type	CW Doppler
Operating Frequency	K-Band (24GHz)
Beam Angle	30°x 30° degrees
Detection Range	5 meters up to 200 meters*
Operating Speed	1 mph up to 99 mph

LEDs

Manufacturer	Broadcom
Type	4.2mm Surface Mount
Mounting Method	PCB
Speed Display Colour	Green and Red*
SLOW DOWN Colour	Amber
Viewing Angle	45°
Average Life Span	Over 50,000 hours

Mechanical

Continuous/Discontinuous	Discontinuous
Enclosure Material	3mm Aluminium
Enclosure Shape	Rectangular
Text Size	75mm Cap-Height
Finish	Textured Powder Coated
Colour	Matt Black
Protection Degree	IP56
Operating Temp	-15°C to +60°C
Impact Resistance	CCM
Vibration	CCM
Height	549mm
Width	314mm
Depth	80mm

Sign Order Codes

Product Code	Description
TWMT-SDU-MINIPLUS.DCD/ASD	Mini300+ Dual Colour SDU with Amber SLOW DOWN
TWMT-SDU-MINIPLUS.DCD/AHS	Mini300+ Dual Colour SDU with Amber Happy/Sad Face

Power Options

Code	Description
TWMT-PS-MS	230Vac Mains Powered
TWMT-PS-12	12Vdc Powered
TWMT-PS-24	24Vdc Powered
TWMT-PS-SA-90/33	Post Top 90 Watt Solar Assembly c/w 33Ah Battery
TWMT-PS-SA-90/75	Post Top 90 Watt Solar Assembly c/w 75Ah Battery

Options / Upgrades

Code	Description
TWMT-SC-K2/DC	Kestrel Radar Data Collection Upgrade**
TWMT-SC-K2/3G	Kestrel Radar Remote Connection Upgrade*
TWMT-SC-K2/BLUETOOTH	Kestrel Radar Remote Connection Upgrade*
TWMT-SC-ACT8	Activ8 GSM 365 Day Calendar Switch*