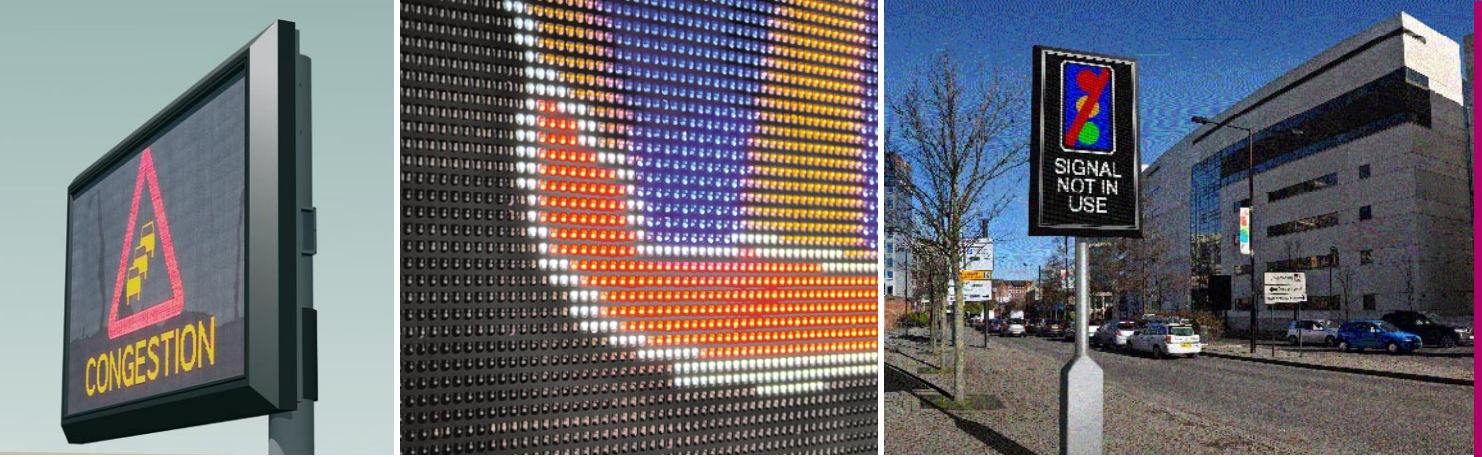


PEGASUS LED VMS



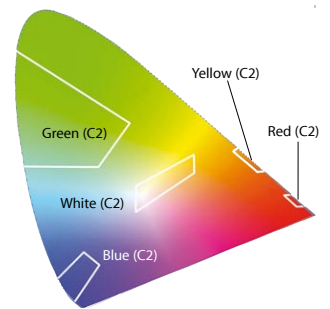
URBAN

The Pegasus Urban Variable Message Sign and mounting system is the solution to providing a family of signs with a flexible matrix display suited for urban applications

Our Pegasus Variable Message Signs take pride of place in urban environments, where it is equally as important to provide drivers and passengers with clear information regarding road conditions, planned events and unforeseen incidents.

Pegasus signs utilise a modular, full matrix display, capable of displaying an almost infinite range of pictograms, aspects and legends in up to five colours. Separate LEDs are employed to guarantee colour stability and to ensure each meet the requirements of the European standard, EN12966, class 2.

Specially designed Pegasus Posts house the intelligent roadside controller, eliminating the need for a separate pillar. Power supply connections are fed to the sign internally up through the post. A universal mounting frame permits five arrangements in landscape and three in portrait orientation:



Five mounting arrangements for landscape fixing and three for portrait fixing



PEGASUS LED VMS

Standard Character Height (mm)	LED Pitch (mm)	Matrix Area (W x H, mm)	Lines x Characters	Maximum Number of Colours	External Dimensions (W x H, mm)	Weight (Kg)	Provisional Mounting	
							Post	Frame
100	7.19	1265 x 690	4 x 16	2	1500 x 930	65	Height 4700mm	Size As sign
	10	1280 x 800	4 x 16	2	1480 x 1000	68	Weight 160kg	Weight 100-160kg Cantilever mounting available on request
160	10	1760 x 960	4 x 16	2	2000 x 1200	97	Fixing 4 hole flange fixing or spigot	
	15	1792 x 1280	4 x 16	5	2000 x 1500	115		
240	10	2640 x 1440	4 x 15	2	2850 x 1890	225	<i>There is a range of standard support structures available for these larger signs including centre, offset T, cantilever and Gantry mounted. Details can be provided on request.</i>	
	20	3520 x 1920	4 x 15	5	4000 x 2400	425		
400	20	4800 x 2560	4 x 15	5	5360 x 3250	775		

Text	Alphanumeric and punctuation	
Graphics	Standard aspects and symbols	
Corner Lanterns	200 mm red / amber - Simulated within matrix area	
Colour	Amber Red White Green Blue BS EN 12966 C2	
Brightness	Controlled via ambient light over 16 levels	
Luminous Intensity	Amber	>7,440 cd/m ²
	Red	>3,100 cd/m ²
	White	>12,400 cd/m ²
	Green	>3,100 cd/m ²
	Blue	>1,240 cd/m ²
Visibility	100mm character height can be seen >65m 160mm character height can be seen >90mm	
Enclosure	Fully welded Aluminium with internal strength and support members	
Environmental Class	IP56	
Operating Temperature Range	-15°C / +60°C	
Communications	Wired:	RS485 (as standard) Ethernet
	Wireless:	Paknet GSM Radio GPRS Others available
Communications Protocol	Highways Agency NMCS2 (as standard) UTMC NTC IP Others available	
Conformity Optical:	UK Standard TR2516B BS EN 12966	
Environmental	UK Standard TR2130 BS EN 12966	
EMC	UK Standard TRG1068	
Design Life	Our signs are built with a design life of 15 years, utilising LED technology with exceptionally long life MTBF >45,000 hours	

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