

VISUAL INFORMATION SERVICES CHARACTER HEIGHT BY TRAVELING SPEED CHART

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CHARACTER SIZE		MAX. VIEWING DISTANCE	MAX. VIEWING TIME IN (SECONDS (SEE NOTES))				
<u>INCH</u>	<u>MM</u>	<u>FOOT</u>	<u>25 MPH</u>	<u>35 MPH</u>	<u>45 MPH</u>	<u>55 MPH</u>	<u>65 MPH</u>
2	51	100	2.7	1.8	1.5	1.2	1
4	102	200	5.5	3.9	3	2.5	2.1
5	127	250	6.8	4.9	3.8	3.1	2.6
6	152	300	8.2	5.8	4.5	3.7	3.1
8	203	400	10.9	7.8	6.1	5	4.2
9	229	450	12.3	8.9	6.8	5.6	4.7
10	254	500	13.6	9.7	7.6	6.2	5.2
12	305	600	16.4	11.7	9.1	7.4	6.3
16	408	800	21.8	15.6	12.1	9.9	8.4
20	508	1,00	27.3	19.5	15.2	12.4	10.5
24	610	1,200	32.7	23.4	18.2	14.9	12.8
36	914	1,800	49.1	35.1	27.3	22.3	18.9
48	1,200	2,400	65.5	46.8	36.4	29.8	25.2
<u>60</u>	<u>1,542</u>	<u>3,000</u>	<u>81.8</u>	<u>55.4</u>	<u>45.5</u>	<u>37.2</u>	<u>31.5</u>

NOTES:LED'S emit proactivelight which allowsthe messages to be visible further away then the same messages viewed on in anI can you know where a young reflective surfaces.

other factors such as message size, traffic, distractions, the mounted height of the display, weather conditions lighting conditions, etc. will affect the time .as referenced above

as a summary; the 4 and 6 inch text messaging display systems are ideal for traffic flow under 45 mph.

this is based on the display in mounting-height of of no more than 12 feet from the top of the display.

for displays mounted higher than the previous line details, you may need to use a 6 inch instead of a 4.2 inch

and an 8 inch instead at a 6 inch in character height.

8 inch character heights , or higher are ideally suited for traffic speeds over 60 MPH.

If for further information please see the accompanying sheet detailing this information in a graphic form.

