

## Technical Specifications

### ALPHAVISION TECHNICAL SPECIFICATIONS

Model	Type	Matrix	Case size (inches)	Weight (pounds)	LED color	LED array
ALPHAVISION 2.1" character size	Indoor	Character	84.7 x 4.8 x 70.4	320.0	Tri-color	16 lines x 40 characters

### ALPHAVISION FS (FRONT SERVICEABLE) TECHNICAL SPECIFICATIONS

Model Tri-color Models - 1.4" Height	Characters per Line	No. of Lines	Height	Width	Case Depth	Input Voltage	Input Current	# of Power Supplies & Wattage
TCM032006P02TRI	32	6	17.65	43.20 in.	4.78 in.	120/230	4.2/2.6	1-400W
TCM040006P02TRI	40	6	17.65	52.83 in.	4.78 in.	120/230	5.3/3.2	1-400W
TCM048006P02TRI	48	6	17.65	62.40 in.	4.78 in.	120/230	6.3/3.7	1-400W
TCM032008P02TRI	32	8	22.05	43.20 in.	4.78 in.	120/230	5.6/3.2	1-400W
TCM040008P02TRI	40	8	22.05	52.83 in.	4.78 in.	120/230	7.0/4.0	1-400W
TCM048008P02TRI	48	8	22.05	62.40 in.	4.78 in.	120/230	8.4/4.7	1-600W
TCM032010P02TRI	32	10	26.46	43.20 in.	4.78 in.	120/230	7.0/4.0	1-400W
TCM040010P02TRI	40	10	26.46	52.83 in.	4.78 in.	120/230	8.8/4.9	1-600W
TCM048010P02TRI	48	10	26.46	62.40 in.	4.78 in.	120/230	10.5/5.8	1-600W
TCM032012P02TRI	32	12	30.83	43.20 in.	4.78 in.	120/230	8.4/4.7	1-600W
TCM040012P02TRI	40	12	30.83	52.83 in.	4.78 in.	120/230	10.5/5.8	1-600W
TCM048012P02TRI	48	12	30.83	62.40 in.	4.78 in.	120/230	12.7/6.9	2-400W

Superbright Red Models - 1.4" Height	Characters per Line	No. of Lines	Height	Width	Case Depth	Input Voltage	Input Current	# of Power Supplies & Wattage
TCM032006P02SBR	32	6	17.65	43.20 in.	4.78 in.	120/230	3.0/2.0	1-200W
TCM040006P02SBR	40	6	17.65	52.83 in.	4.78 in.	120/230	3.8/2.4	1-200W
TCM048006P02SBR	48	6	17.65	62.40 in.	4.78 in.	120/230	4.5/2.8	1-400W
TCM032008P02SBR	32	8	22.05	43.20 in.	4.78 in.	120/230	4.0/2.5	1-400W
TCM040008P02SBR	40	8	22.05	52.83 in.	4.78 in.	120/230	5.0/3.0	1-400W
TCM048008P02SBR	48	8	22.05	62.40 in.	4.78 in.	120/230	6.0/3.5	1-400W
TCM032010P02SBR	32	10	26.46	43.20	4.78 in.	120/230	5.0/3.0	1-400W

				in.				
TCM040010P02SBR	40	10	26.46	52.83 in.	4.78 in.	120/230	6.3/3.7	1-400W
TCM048010P02SBR	48	10	26.46	62.40 in.	4.78 in.	120/230	7.5/4.3	1-400W
TCM032012P02SBR	32	12	30.83	43.20 in.	4.78 in.	120/230	6.0/3.5	1-600W
TCM040012P02SBR	40	12	30.83	52.83 in.	4.78 in.	120/230	7.5/4.3	1-600W
TCM048012P02SBR	48	12	30.83	62.40 in.	4.78 in.	120/230	9.0/5.0	1-600W

<b>Red Models - 1.4" Height</b>	<b>Characters per Line</b>	<b>No. of Lines</b>	<b>Height</b>	<b>Width</b>	<b>Case Depth</b>	<b>Input Voltage</b>	<b>Input Current</b>	<b># of Power Supplies &amp; Wattage</b>
TCM032006P02RED	32	6	17.65	43.20 in.	4.78 in.	120/230	3.0/2.0	1-200W
TCM040006P02RED	40	6	17.65	52.83 in.	4.78 in.	120/230	3.8/2.4	1-200W
TCM048006P02RED	48	6	17.65	62.40 in.	4.78 in.	120/230	4.5/2.8	1-400W
TCM032008P02RED	32	8	22.05	43.20 in.	4.78 in.	120/230	4.0/2.5	1-400W
TCM040008P02RED	40	8	22.05	52.83 in.	4.78 in.	120/230	5.0/3.0	1-400W
TCM048008P02RED	48	8	22.05	62.40 in.	4.78 in.	120/230	6.0/3.5	1-400W
TCM032010P02RED	32	10	26.46	43.20 in.	4.78 in.	120/230	5.0/3.0	1-400W
TCM040010P02RED	40	10	26.46	52.83 in.	4.78 in.	120/230	6.3/3.7	1-400W
TCM048010P02RED	48	10	26.46	62.40 in.	4.78 in.	120/230	7.5/4.3	1-400W
TCM032012P02RED	32	12	30.83	43.20 in.	4.78 in.	120/230	6.0/3.5	1-400W
TCM040012P02RED	40	12	30.83	52.83 in.	4.78 in.	120/230	7.5/4.3	1-400W
TCM048012P02RED	48	12	30.83	62.40 in.	4.78 in.	120/230	9.0/5.0	1-600W

<b>Tricolor Models - 2.1" Height</b>	<b>Characters per Line</b>	<b>No. of Lines</b>	<b>Height</b>	<b>Width</b>	<b>Case Depth</b>	<b>Input Voltage</b>	<b>Input Current</b>	<b># of Power Supplies &amp; Wattage</b>
TCM024004P03TRI	24	4	17.92 in.	48.77 in.	4.78 in.	120/230	2.5/1.8	1-200W
TCM032004P03TRI	32	4	17.92 in.	63.15 in.	4.78 in.	120/230	2.8/1.9	1-200W
TCM040004P03TRI	40	4	17.92 in.	77.55 in.	4.78 in.	120/230	3.5/2.3	1-200W
TCM048004P03TRI	48	4	17.92 in.	91.96 in.	4.78 in.	120/230	4.2/2.6	1-400W
TCM024006P03TRI	24	6	24.52 in.	48.77 in.	4.78 in.	120/230	3.2/2.1	1-200W
TCM032006P03TRI	32	6	24.52 in.	63.15 in.	4.78 in.	120/230	4.2/2.6	1-400W
TCM040006P03TRI	40	6	24.52 in.	77.55 in.	4.78 in.	120/230	5.3/3.2	1-400W

TCM048006P03TRI	48	6	24.52 in.	91.96 in.	4.78 in.	120/230	6.3/3.7	1-400W
TCM024008P03TRI	24	8	31.15 in.	48.77 in.	4.78 in.	120/230	4.2/2.6	1-600W
TCM032008P03TRI	32	8	31.15 in.	63.15 in.	4.78 in.	120/230	5.6/3.2	1-400W
TCM040008P03TRI	40	8	31.15 in.	77.55 in.	4.78 in.	120/230	7.0/4.0	1-400W
TCM048008P03TRI	48	8	31.15 in.	91.96 in.	4.78 in.	120/230	8.4/4.7	1-400W
TCM024010P03TRI	24	10	37.71 in.	48.77 in.	4.78 in.	120/230	5.3/3.2	1-400W
TCM032010P03TRI	32	10	37.71 in.	63.15 in.	4.78 in.	120/230	7.0/4.0	1-400W
TCM040010P03TRI	40	10	37.71 in.	77.55 in.	4.78 in.	120/230	8.8/4.9	1-600W
TCM048010P03TRI	48	10	37.71 in.	91.96 in.	4.78 in.	120/230	10.5/5.8	1-600W
TCM024012P03TRI	24	12	44.33 in.	48.77 in.	4.78 in.	120/230	6.3/3.7	1-400W
TCM032012P03TRI	32	12	44.33 in.	63.15 in.	4.78 in.	120/230	8.4/4.7	1-600W
TCM040012P03TRI	40	12	44.33 in.	77.55 in.	4.78 in.	120/230	10.5/5.8	1-600W
TCM048012P03TRI	48	12	44.33 in.	91.96 in.	4.78 in.	120/230	12.7/6.9	2-400W

<b>Superbright Models - 2.1" Height</b>	<b>Characters per Line</b>	<b>No. of Lines</b>	<b>Height</b>	<b>Width</b>	<b>Case Depth</b>	<b>Input Voltage</b>	<b>Input Current</b>	<b># of Power Supplies &amp; Wattage</b>
TCM024004P03SRB	24	4	17.92 in.	48.77 in.	4.78 in.	120/230	1.5/1.5	1-200W
TCM032004P03SRB	32	4	17.92 in.	63.15 in.	4.78 in.	120/230	2.0/1.5	1-200W
TCM040004P03SRB	40	4	17.92 in.	77.55 in.	4.78 in.	120/230	2.5/1.8	1-200W
TCM048004P03SRB	48	4	17.92 in.	91.96 in.	4.78 in.	120/230	3.0/2.0	1-200W
TCM024006P03SRB	24	6	24.52 in.	48.77 in.	4.78 in.	120/230	2.3/1.7	1-200W
TCM032006P03SRB	32	6	24.52 in.	63.15 in.	4.78 in.	120/230	3.0/2.0	1-200W
TCM040006P03SRB	40	6	24.52 in.	77.55 in.	4.78 in.	120/230	3.8/2.4	1-200W
TCM048006P03SRB	48	6	24.52 in.	91.96 in.	4.78 in.	120/230	4.5/2.8	1-400W
TCM024008P03SRB	24	8	31.15 in.	48.77 in.	4.78 in.	120/230	3.0/2.0	1-200W
TCM032008P03SRB	32	8	31.15 in.	63.15 in.	4.78 in.	120/230	4.0/2.5	1-400W
TCM040008P03SRB	40	8	31.15 in.	77.55 in.	4.78 in.	120/230	5.0/3.0	1-400W
TCM048008P03SRB	48	8	31.15 in.	91.96 in.	4.78 in.	120/230	6.0/3.5	1-400W
TCM024010P03SRB	24	10	37.71 in.	48.77 in.	4.78 in.	120/230	3.8/2.4	1-200W
TCM032010P03SRB	32	10	37.71 in.	63.15 in.	4.78 in.	120/230	5.0/3.0	1-400W

TCM040010P03SRB	40	10	37.71 in.	77.55 in.	4.78 in.	120/230	6.3/3.7	1-400W
TCM048010P03SRB	48	10	37.71 in.	91.96 in.	4.78 in.	120/230	7.5/4.3	1-400W
TCM024012P03SRB	24	12	44.33 in.	48.77 in.	4.78 in.	120/230	4.5/2.8	1-400W
TCM032012P03SRB	32	12	44.33 in.	63.15 in.	4.78 in.	120/230	6.0/3.5	1-400W
TCM040012P03SRB	40	12	44.33 in.	77.55 in.	4.78 in.	120/230	7.5/4.3	1-400W
TCM048012P03SRB	48	12	44.33 in.	91.96 in.	4.78 in.	120/230	9.0/5.0	1-600W

<b>Red Models - 2.1" Height</b>	<b>Characters per Line</b>	<b>No. of Lines</b>	<b>Height</b>	<b>Width</b>	<b>Case Depth</b>	<b>Input Voltage</b>	<b>Input Current</b>	<b># of Power Supplies &amp; Wattage</b>
TCM024004P03RED	24	4	17.92 in.	48.77 in.	4.78 in.	120/230	1.5/1.5	1-200W
TCM032004P03RED	32	4	17.92 in.	63.15 in.	4.78 in.	120/230	2.0/1.5	1-200W
TCM040004P03RED	40	4	17.92 in.	77.55 in.	4.78 in.	120/230	2.5/1.8	1-200W
TCM048004P03RED	48	4	17.92 in.	91.96 in.	4.78 in.	120/230	3.0/2.0	1-200W
TCM024006P03RED	24	6	24.52 in.	48.77 in.	4.78 in.	120/230	2.3/1.7	1-200W
TCM032006P03RED	32	6	24.52 in.	63.15 in.	4.78 in.	120/230	3.0/2.0	1-200W
TCM040006P03RED	40	6	24.52 in.	77.55 in.	4.78 in.	120/230	3.8/2.4	1-200W
TCM048006P03RED	48	6	24.52 in.	91.96 in.	4.78 in.	120/230	4.5/2.8	1-400W
TCM024008P03RED	24	8	31.15 in.	48.77 in.	4.78 in.	120/230	3.0/2.0	1-200W
TCM032008P03RED	32	8	31.15 in.	63.15 in.	4.78 in.	120/230	4.0/2.5	1-400W
TCM040008P03RED	40	8	31.15 in.	77.55 in.	4.78 in.	120/230	5.0/3.0	1-400W
TCM048008P03RED	48	8	31.15 in.	91.96 in.	4.78 in.	120/230	6.0/3.5	1-400W
TCM024010P03RED	24	10	37.71 in.	48.77 in.	4.78 in.	120/230	3.8/2.4	1-200W
TCM032010P03RED	32	10	37.71 in.	63.15 in.	4.78 in.	120/230	5.0/3.0	1-400W
TCM040010P03RED	40	10	37.71 in.	77.55 in.	4.78 in.	120/230	6.3/3.7	1-400W
TCM048010P03RED	48	10	37.71 in.	91.96 in.	4.78 in.	120/230	7.5/4.3	1-400W
TCM024012P03RED	24	12	44.33 in.	48.77 in.	4.78 in.	120/230	4.5/2.8	1-400W
TCM032012P03RED	32	12	44.33 in.	63.15 in.	4.78 in.	120/230	6.0/3.5	1-400W
TCM040012P03RED	40	12	44.33 in.	77.55 in.	4.78 in.	120/230	7.5/4.3	1-400W
TCM048012P03RED	48	12	44.33 in.	91.96 in.	4.78 in.	120/230	9.0/5.0	1-600W

**All units will be shipped with North American 13 Amp line cords unless specified.**