CVGA Modes					
ID	Mode	Resolution	Colors	Circuitry	Notes
0	Text 40×24	640×480	2	Yamaha V9938	Insert padding scan lines.
1	Text 80×24	640×480	2	Yamaha V9938	Insert padding scan lines.
2	Pattern MC	640×480	16	Yamaha V9938	Insert padding scan lines.
3	Pattern G1	640×480	16	Yamaha V9938	Insert padding scan lines.
4	Pattern G2	640×480	16	Yamaha V9938	Insert padding scan lines.
5	Pattern G3	640×480	16	Yamaha V9938	Insert padding scan lines.
6	–	–	–	–	–
7	–	–	–	–	–
8	Text 40×24	1920×1080	2	Yamaha V9938	Upscale to 1080p.
9	Text 80×24	1920×1080	2	Yamaha V9938	Upscale to 1080p.
A	Pattern MC	1920×1080	16	Yamaha V9938	Upscale to 1080p.
B	Pattern G1	1920×1080	16	Yamaha V9938	Upscale to 1080p.
C	Pattern G2	1920×1080	16	Yamaha V9938	Upscale to 1080p.
D	Pattern G3	1920×1080	16	Yamaha V9938	Upscale to 1080p.
E	–	–	–	–	–
F	Text 160×45	1920×1080	4	CVGA 1000	Native 1080p resolution.

CDA Text Modes					
ID	Mode	Resolution	Colors	Circuitry	Notes
0	VGA 80×30	640×480	8 / 8	CDA 1000	Characters 8×16
1	VGA 80×60	640×480	8 / 8	–	Characters 8×8
2	–	–	–	–	–
3	–	–	–	–	–
4	–	–	–	–	–
5	–	–	–	–	–
6	–	–	–	–	–
7	–	–	–	–	–
8	FHD 80×30	1920×1080	8 / 8	CDA 1000	Characters 24×36
9	FHD 80×60	1920×1080	8 / 8	–	Characters 24×18
A	FHD 120×30	1920×1080	8 / 8	–	Characters 16×36
B	FHD 120×60	1920×1080	8 / 8	–	Characters 16×18
C	FHD 160×45	1920×1080	8 / 8	CDA 1000	Characters 12×24
D	FHD 160×90	1920×1080	8 / 8	–	Characters 12×12
E	FHD 240×60	1920×1080	8 / 8	–	Characters 8×18
F	FHD 240×120	1920×1080	8 / 8	–	Characters 8×9

CDA Text Modes					
ID	Mode	Resolution	Colors	Circuitry	Notes
0	VGA 40×20	640×480	8 / 4	CDA 1000	Characters 16×24
1	–	–	–	–	–
2	VGA 80×40	640×480	8 / 4	CDA 1000	Characters 8×12
3	–	–	–	–	–
4	–	–	–	–	–
5	–	–	–	–	–
6	–	–	–	–	–
7	–	–	–	–	–
8	FHD 40×20	1920×1080	8 / 4	CDA 1000	Characters 48×54
9	–	–	–	–	–
A	FHD 80×40	1920×1080	8 / 4	CDA 1000	Characters 24×27
B	–	–	–	–	–
C	FHD 120×45	1920×1080	8 / 4	CDA 1000	Characters 16×24
D	–	–	–	–	–
E	FHD 240×90	1920×1080	8 / 4	CDA 1000	Characters 8×12
F	–	–	–	–	–