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Model	EC-VFD3020	EC-VFD3010	EC-VFD3070
SRP	8,850.00	7,670.00	11,210.00
Display Method	Mono. Liquid Crystal Display	Vacuum fluorescent Display	Vacuum fluorescent Display
Number of Characters	30 columns x 4 lines/2 lines in double height (alphanumeric)	40 characters (20 columns x 2 lines)	480 (H) 234 (v) RGB Pixel
	15 columns x 4 lines/2 lines in double height (Chinese character)		
	1. Cyan	10. Orange	
	2. Light Blue	11. Violet	
	3. Purple	12. Light Pink	
	4. Blue	13. Pink	
	5. Lake Green	14. Dark Pink	
	6. Apple Green	15. Magenta	
	7. Green	16. Red	

	8. Yellow	17. Pale	
Display Color	9. Light Orange		Blue-green
Brightness	100 cd/m2		700 cd/m2
Character Type	I. 96 alphanumeric		I. 96 alphanumeric characters
	II. 13 sets of international character		II. 14 sets of international characters:
	III. One set user downloadable character		USA, France, Germany, UK,
	IV. One of the following languages is optional:		Sweden, Denmark I and II, Italy, Spain, Norway, Japan (Katakana)
	Traditional Chinese (BIG-5)		III. One set of user downloadable characters
	Simplified Chinese (GB2312)		
	Japanese (Shift-JIS)		
	Korean (KSC5610)		
	Thai		
Font Size	8x16 / 8x32 alphanumeric		5x7 Dot Matrix
	16x16 / 16x32 multi byte characters		9.03 mm x 5.25 mm
Command Set	1. BA63G		1. EPSON ESC/POS
	2. ESC/POS		2. ADM787/788
	3. WD-304		3. EMAX (AEDEX)
			4. UTC/S, UTC/P
			5. CD5220
			6. DSP-800 (option)
Interface	n RS-232:		n RS-232:
	4800/9600/19200/38400/115200 bps		9600/19200/38400/115200 bps
	n USB 2.0		n USB 2.0
Option	n Pass-through: (1) RS232C (2) USB Hub		
Power Supply	DC 7V~36V to prevent misuse		
Power Consumption	3~5W		

MTBF	25,000 hrs		
Certification	CE/FCC class A		
Rotation Angle	Vertically: 36 degree		
	Horizontal: 270 degree		
Physical Dimension			
Head (W x D x H)	215 x 57 x 92 mm		
Support (H x Ø)	Long: 250 x 34 mm; Short: 117 x 34 mm		
Base (W x D x H)	200 x 120 x 27 mm		
Weight	N.W. 0.8 kg		
Environment			
Operation Temperature	5~45		
Storage Temperature	-20~70		
Operation Humidity	15%~80% RH		
Storage Humidity	10%~90% RH		
	Liquid Crystal Display	Vacuum Fluorescent Display	
	LCD backlight adjustable up to 17 colors. 5 color options on front panel	2 x 20 characters	
	Soft backlight color with clear font enables immediate recognition	Supports 14 languages	
	Supports 14 languages, 2-byte font optional	Compatible with 6 command sets: ESC/POS, EMV(AEDEV), LTC	
	Built-in software System Configuration Menu	Innovative hinge design enables easy angle adjustment	
	Smart power management for power saving	Display adjustable range: 0-270° horizontally, 0-36° vertically	
	Innovative hinge design enables quick angle adjustment	Bluetooth module optional	
	Display adjustable range: 0-270° horizontally, 0-36° vertically		
	Bluetooth module optional		