

## 650 Custom Display Firmware Updates

### CD Utility

- 1.1 initial release
- 1.2 Add AEDEX emulation mode selection to support Firmware Version 1.6

### Customer Display Firmware

- 1.0 initial release
- 1.1 add in circuit firmware update capability
- 1.2 Add UTC STD emulation mode per customer request
- 1.3 Added Blink Text modes to "UTC STD" mode for use with Microsoft's RMS software  
Change firmware to allow display to work without handshaking
- 1.4 Made changes to work with third parties OPOS drivers
- 1.5 Fix a problem with the with the EPSON mode emulation on some software
- 1.6 Add AEDEX (EMAX) emulation mode per customer request

The 650 customer display Firmware Ver. 1.5 and above has been tested with the following OPOS drivers:

<b>OPOS driver</b>	<b>Emulation mode</b>	<b>Extra Feature Supported by OPOS driver</b>
J2 OPOS driver	EPSON or CD7220	None
EPSON OPOS driver for DM-D110	EPSON	Horizontal Scrolling
Microsoft's OPOS Service Objects (Device ID PD2000)	UTC STD	Horizontal Scrolling
Ultimate Technology Line Display OPOS driver	UTC STD	Horizontal Scrolling, Character Blinking
Partner Tech Line Display OPOS driver	CD7220	None