Endura™ 15E

Delphi Display Systems' Endura™ 15E Order Confirmation System is designed for Quick Service Restaurant (QSR) drive-thru applications that require direct sunlight readability and reliable operation in harsh environmental conditions. As part of Delphi's total lineup of technology solutions for QSR, the Endura 15E Order Confirmation System provides a full featured and robust solution for improving order accuracy and speed of service in the QSR drive-thru.

Embedded Intelligence

The system contains an embedded industrial computer with software that interfaces directly with the Point-of-Sale (POS) system and stores all content locally in flash memory. This means a simple installation and fewer points of failure.

Make an Impact

Delphi couples the industry's brightest screen technology with the most advanced anti-glare and anti-reflection technology to deliver high-contrast, clear, crisp and easy-to-read content in direct sunlight. The display continually adjusts its brightness to optimize maximum contrast in all ambient light conditions.

Reliability by Design

The Endura 15E is designed for reliable operation in extreme hot and cold temperatures and will operate reliably from -40°F to +140°F (-40°C to +60°C). Delphi's proprietary control electronics maintain internal temperature, preventing isotropic blackouts in hot weather while insuring proper operation and startup in sub-zero temperatures. High-impact safety glass protects the display and internal components from damage. The LED backlight is rated for 70,000-hours, which equates to eight years of continuous operation. The system comes with a standard five year advance exchange warranty, the best in the industry today.

Endura 15E Drive Thru Order Confirmation System Speaker Post Configuration

- ✓ Fully Sunlight Readable 15" Screen
- ✓ Extreme temperature operating range from -40°F to +140°F (-40°C to +60°C)
- ✓ Built in 60W heater for startup and operation in freezing temperatures
- ✓ Environmentally Sealed Enclosure is impervious to rain, wind, snow and dust
- ✓ High reliability LED backlight and industrial grade electronics
- ✓ Embedded industrial processor with remote health monitoring capability
- ✓ Interfaces to all major POS systems
- ✓ UL and FCC certified
- ✓ Five year Advance Exchange Warranty
- ✓ Low maintenance – no filters to change

Input Power	
Voltage	120 / 240 VAC (autosensing)
Frequency	50/60 Hz
Power	44 Watts Typical (full brightness, heater off)

Display	
Type	Color AM/TFT Liquid Crystal Display (LCD)
Size	15in (38.1cm) Diagonal, 12.0"w x 9.0"h (30.5cm x 22.9cm)
Backlight Type	White LED with replaceable LED rails
LCD Resolution	1024w x 768h Pixels (XGA)
Luminance	1,600 Cd/m2 (Nits)

Processor	
CPU	AMD LX700 (400MHz) Industrial Grade
RMA	256MB RAM (PC2100) – Extended Temperature (Upgradable to 1GB)
Flash Memory	256MB - Extended Temperature (Upgradable to 1GB)

Reliability	
System (excluding backlight)	53,000 hours (MTBF)
LED Backlight	70,000 hours (MTTH)

Construction	
Enclosure	IP65 / NEMA 4X, Environmentally Sealed, Conduction Cooled
Construction	High Impact ABS, Aluminum
Finish	Powder Coat Paint and Anodized
Glass	Safety glass with UV and IR Blocking Filters, Anti-Glare (AG)

Environmental	
Operating Temperature	-40°F to +140°F (-40°C to +60°C) ambient
Heater	60 Watts

Physical	
Dimensions (Display Module)	15½"w x 12¾"h x 4½"d (39.4cm x 32.4cm x 11.1cm)
Weight (Display Module)	16 lbs. (7.3 kg)

Compliance	
RoHS	Yes
WEEE	Yes

Certifications	
Safety	UL60950-1: 2007/03/27 Ed: 2 Rev: 2011/12/19 - Information Technology Equipment Safety – Part 1: General Requirements CSA C22.2 No. 60950-1:2007 Ed.2+A1- Information Technology Equipment Safety – Part 1: General Requirements (R2012)
Radiated Emissions	FCC Part 15 Class A, IEC/ENG1000 CISPR 16
Internationally Certifications	IECEE CB Scheme certified in over 50 countries

Typical Installation

Endura™ 15E Order Confirmation System
Shown with Endura™ 47P-2 Outdoor Digital Menu Board

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