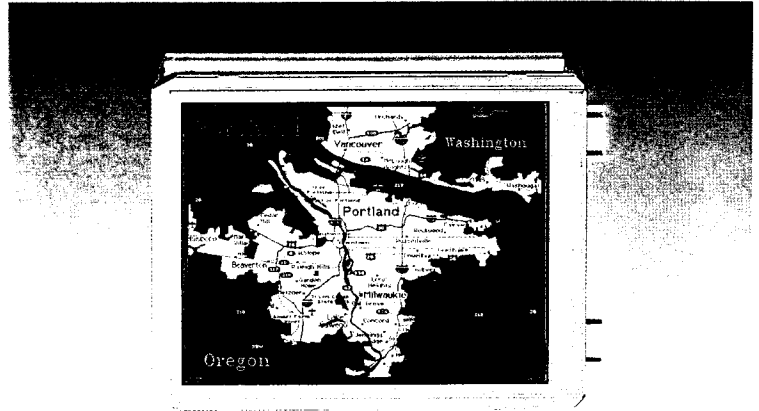


## 10 cm[4"] COLOR TFT-LCD DISPLAY MONITOR

### 4L-U4E

#### FEATURES

- Ruggedized design for severe environmental condition ideal for automotive applications  
Extended temperature range: Topr = -10 to +85 °C  
Tstg = -30 to +85 °C  
Acceleration of vibration: 3.0 G
- Built-in backlight with dimming function  
Dimming range: 100 % to 15 %
- Video interface accepts composite video/standard analog RGB signals for superimposing video.
- Single input voltage: 8 V. DC
- Built-in DC/AC inverter
- Electrical display rotating function (up-down & right-left) for OEM selection of 6:00/12:00 viewing direction
- Excellent visibility due to low reflectance TFT-LCD panel
- Compact size with a high density surface mount PWB



Map image source: supplied by Electromap, Inc.

Simulated picture

★ US maps reprinted from **The Software Toolworks World Atlas** with permission  
Copyright 1989-94, Electromap, Inc. Fayetteville, AR.  
All rights reserved.

#### APPLICATIONS

- Auto & portable navigation systems
- Portable TVs
- Videophones
- Camcorders
- Video monitors
- Display for mobile rear view camera

#### SPECIFICATIONS

Parameter	Specifications	Unit
No. of pixels	29 952	pixels
Dot format (V × H)	234 × 383	dots
Dot pitch (V × H)	0.259 × 0.210	mm
Active area (V × H)	60.6 × 80.7	mm
Display size (diagonal)	10 cm [4"]	—
Pixel configuration	RGB delta	—
Color	Full color	—
Brightness	200	cd/m <sup>2</sup>
Backlight	W-shaped direct lighting system	—
Dimming	100 to 15	%
Reflection ratio (panel surface)	1.5 % with AR coat	%
	5 % without AR coat	
Power consumption	4.6 typ. (including backlight)	W
Input video signal	Composite video/Standard analog RGB	—
Video signal system	NTSC	—
Power voltage	8	V. DC
Storage temperature	-30 to +85 (ambient temp.)	°C
Operating temperature	-10 to +85 (panel temp.)	°C
Outline dimensions (W × H × D) D ... max	112.5 × 96.5 × 35.9	mm
Weight	210	g

■ Specifications are subject to change without notice.

# 4L-U4E

## OUTLINE DIMENSIONS

(Unit: mm)

