
Universal Automotive Control – LCD for TTC Vision

Display 6.5" C transfective with Camera Option

This color TFT display with digital interface offers a very high picture quality. The digital display uses a wide viewing angle technology and is most suitable for very high contrast pictures. The LCD module was developed for automotive applications.

General Specification

| | |
|--------------------|---|
| Diagonal size | 6,5" (16.5 cm) – 16:9 aspect ratio |
| Number of dots | 400(W) x 240(H) |
| Active area | 143.4 (W) x 79.3 (H) mm |
| Dot pitch | 0.1195 (W) x 0.3305 (H) mm |
| LCD type | TFT (thin film transistor) active matrix |
| Backlight | cold cathode type |
| Backlight lifetime | 10,000 hours (min) at +25°C (continuation) |
| Camera Interface | optional |

Absolute Maximum Ratings

| | |
|-----------------------|--------------|
| Operating temperature | -20 to +70°C |
| Storage temperature | -20 to +70°C |

Optical Characteristics

| | |
|----------------|---|
| Luminance | 180 cd / m ² (transmissive mode) |
| View angle | V = -40 to +50 deg H = -40 to +50 deg |
| Contrast ratio | 60 (transmissive mode) 5 (reflective mode) |
| Response time | 10 ms (typ.) |

