

# LCD Display Module

This is an LCD display. It presents visual information.

## Overview

### Professional LCD Display Module

This high-quality LCD display module is engineered for reliability and visual clarity in industrial and commercial applications. Designed with versatile integration in mind, it provides a stable interface for displaying critical data, control parameters, or user information. Its robust construction ensures long-term performance, making it an ideal choice for equipment manufacturers and system integrators seeking a dependable display solution.

## Technical Specifications

Display Technology	Liquid Crystal Display (LCD)
Operating Voltage	5 V
Supported Interfaces	I2C, SPI, Parallel

## Performance Metrics

### Key Performance Metrics

**50000 hours**

Backlight Lifespan

**300 cd/m<sup>2</sup>**

Brightness

**60 Hz**

Refresh Rate

## Environmental Conditions

Operating Temperature Range	-20°C to +70°C
RoHS Compliant	Yes

## Compatibility

### Compatible Controllers

- Arduino
- Raspberry Pi
- STM32
- PIC Microcontrollers