

# ELI Part Numbers



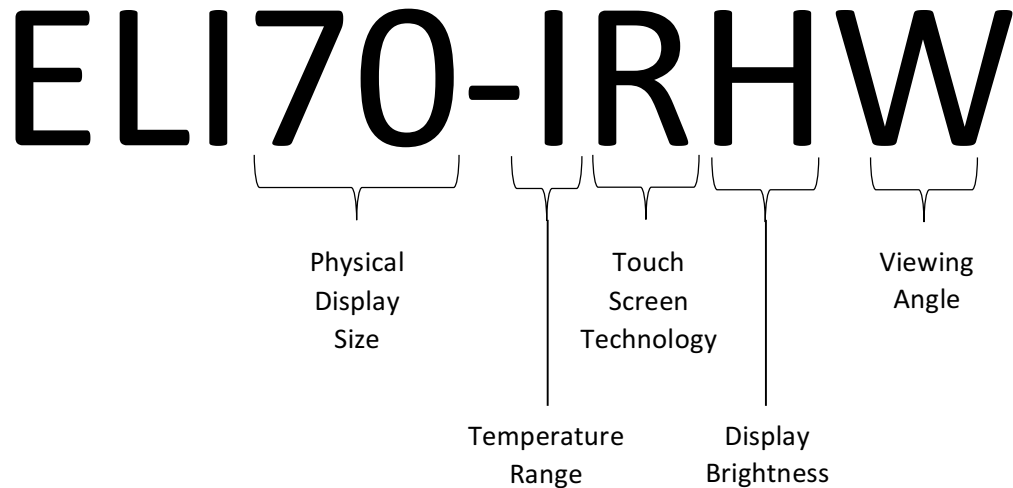
**Easy LCD Interface**



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## Purpose

The purpose of this document is to detail FDI's part numbering system for the ELI product line.



## Physical Display Size

Standard ELI screen sizes include a range of sizes from 4.3 to 15.0". Larger screen sizes and custom configurations can also be supported.

ELI P/N's start with the letters ELI (all caps) and include the physical size of the LCD display measured to 1/10<sup>th</sup> of an inch, but without the decimal point.

So, for a 4.3" product, the part number would start with ELI43. It would not be ELI4 or ELI4.3.

A 7.0" product would start with ELI70. It would not be ELI7 or ELI7.0.

A 12.1" product would start with ELI121. It would not be ELI12 or ELI12.1.



### Temperature Range

Operating Temperature Ranges are grouped into three standard categories for easy classification.

C = Commercial Temperature, which here is loosely defined to mean anything less than Industrial Temperature. In this context, this range could be 0 to 50°C or even -10 to 70°C.

I = Industrial Temperature, which here is defined to mean at least -20 to 80°C or greater. Anything less than this range is considered Commercial Temp for ELI purposes.

A = Automotive Temp, which here is defined to mean at least -40 to 85°C or greater. Anything less than this range is considered Industrial Temp for ELI purposes.

### Touch Screen Technology

R = resistive touch screen (might be 4 or 5 wire or greater)

P = PCAP or projected capacitive touch screen

N = No touch screen

### Display Brightness

<Blank> = normal brightness. Note that no actual character is used to designate standard brightness, and here this level is loosely defined as anything less than 500 nits.

H = High Bright, which here is defined as anything greater than 500 nits.

### Viewing Angle

<Blank> = normal viewing angle. Note that no actual character is used to designate standard viewing angles, and here this level is loosely defined as anything less than 70 degrees typical in every direction.

W = Wide viewing angle. Here this level is generally defined as typical values of 70 degrees or greater in every direction (U/D and L/R). These are normally Wide Viewing Angle, Multi-domain Vertical Alignment (MVA) or In-Plane Switching (IPS) type displays that contain special technology.



## Examples

ELI P/N's are intended to be simple and easy to interpret. Below are some simple examples:

**ELI43-CP** ELI 4.3", Commercial temp, PCAP Touch, normal brightness, normal viewing angle

**ELI70-CR** ELI 7.0", Commercial temp, Resistive Touch, normal brightness, normal viewing angle

**ELI70-IRHW** ELI 7.0", Industrial temp, Resistive Touch, High Bright, Wide Viewing Angle

**ELI101-CP** ELI 10.1", Commercial temp, PCAP Touch, normal brightness, normal viewing angle

**ELI121-CRW** ELI 12.1", Commercial temp, Resistive Touch, normal brightness, Wide Viewing angle

