GE Service Manual

IC755CKW07CDA

1. Description

The GE Fanuc IC755CKW07CDA terminal is a Quickpanel+ operator interface terminal with a display dimension of 7 inches. This widescreen TFT LCD industrial screen has a resolution of 800 x 480 pixels and 65,536 colors.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc Emerson**
Product	**Line Quickpanel**
Part	**Number IC755CKW07CDA**
Weight	**12.00 lbs (5.44 kg)**
Display	**Size and Type 7-inch Widescreen TFT LCD**
Resolution	**800 x 480 pixels WVGA**
Colors	**65,536**
Brightness	**310 cd/m2**
Touchscreen	**Projective capacitive, two-point**
Processor	**Freescale i.MX535 (1 gigahertz ARM Cortex A8)**
RAM	**DDR2 SDRAM 512 MB**
ROM	**SLC NAND 256 MB**
SRAM	**512 kilobytes (with battery backup)**
Ethernet	**Ports 1 x 10/100BaseT (RJ-45)**
Serial	**Ports 1 x RS-232 UART port (5-pin connector)**
USB	**Ports 2 x USB 2.0 (Type-A) (Host), 1 x USB 2.0 (Mini Type-B)**
Storage	**1 x SD/SDHC card slot**

3. Product Information

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Technical specifications for IC755CKW07CDA

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Ethernet Ports 1 x 10/100BaseT (RJ-45)

Serial Ports 1 x RS-232 UART port (5-pin connector)

USB Ports 2 x USB 2.0 (Type-A) (Host), 1 x USB 2.0 (Mini Type-B)

Storage 1 x SD/SDHC card slot

Description

The IC755CKW07CDA terminal is an industrial operator interface terminal that has been designed and manufactured by GE Fanuc. The component is part of the Quickpanel+ series and it comes with a 7-inch display with a widescreen formate. The display screen is an TFT LCD type of display and it features a resolution of 800 x 480 pixels (WVGA). Also, the display of IC755CKW07CDA operator interface terminal has 310 candela per square meter of brightness in its display screen and it displays 65,536 colors in its graphics. The users will also enjoy a projective capacitive touchscreen that simplifies device operation and it provides an overall better user experience. In addition to that, the touchscreen has a 2-way multi-touch control capability.

The IC755CKW07CDA operator interface terminal runs the Windows Embedded Compact 7 operating system by Microsoft and it comes with 512 megabytes of DDR2 SDRAM. The ROM of the unit is 256 megabytes (SLC NAND) and it has 512 kilobytes of SRAM when battery backup is included. The available ports on the IC755CKW07CDA operator interface terminal has a single Ethernet port that is a 10/100BaseT (RJ-45) port and a single serial port of the RS-232 UART type. The serial port comes with a 5-pin connector. Also, this component has 2 USB 2.0 host ports (Type A) and 1 USB 2.0 device port (Mini Type B). The unit has mic in and line out audio ports and a card slot for storage. The unit accepts SD/SDHC memory cards. The input power of the IC755CKW07CDA interface module is 24 Volts DC and it consumes 15 Watts of maximum power when the current is 0.625 Amps. The unit weighs only 800 grams (1.76 pounds).