GE Service Manual

IC755CKW12CDM

1. Description

The IC755CKW12CDM terminal is an operator interface component manufactured by GE Fanuc. The Quickpanel+ series unit has a 12.1-inch widescreen TFT LCD screen with a resolution of 800 x 600 pixels.

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc Emerson**
Product	**Line Quickpanel**
Part	**Number IC755CKW12CDM**
Weight	**20.00 lbs (9.07 kg)**
Display	**Size and Type 12.1â□□ Widescreen TFT LCD**
Resolution	**800 x 600 pixels WVGA**
Colors	**65,536**
Brightness	**450 cd/m2**
Touchscreen	**Projective capacitive, two-point**
Processor	**Freescale i.MX535 (1 gigahertz ARM Cortex A8)**
RAM	**DDR3 SDRAM 1 GB**
ROM	**SLC NAND 512 MB**
SRAM	**512 kilobytes (with battery backup)**
Ethernet	**Ports 2 10/100BaseT (RJ-45)**
Serial	**Ports 1 RS-232 UART port / 1 RS-232/485 port**
USB	**Ports 2 USB 2.0 (Type-A) (Host), 1 USB 2.0 (Mini Type-B)**
Storage	**1 SD/SDHC card slot**

3. Product Information

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Technical specifications for IC755CKW12CDM

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

Storage 1 SD/SDHC card slot

Description

The IC755CKW12CDM terminal is an operator interface terminal that is intended for use for industrial systems that are usually constructed from many different components. This interface module is manufactured by GE Fanuc and it is part of the Quickpanel+ series. The unit provides the flexibility, reliability, and versatility that are essential in industrial environments. The IC755CKW12CDM operator interface terminal is compatible with other equipment and it includes a wide spectrum of features and communication options. The unit comes with 2 RJ-45 Ethernet ports of the 10/100BaseT type along with 2 series ports and USB 2.0 ports for both hosts and other devices. The operating voltage rating of the unit is 24 Volts DC and the power consumption rating is a maximum 30 Watts.

The IC755CKW12CDM terminal features a 12.1-inch display screen with a widescreen view that expands the capabilities of a system. The TFT LCD screen comes with an LED backlight and it includes a resolution of 800 x 600 pixels. The display has 65,536 colors and 450 candela per square meter of brightness. The display of IC755CKW12CDM terminal has a multi-touch control capability which significantly contributes to easier and faster machine operation. The unit runs on a 1 gigahertz Freescale i.MX535 processor and it has the Microsoft Windows Embedded Compact 7 operating system. In addition to that, the IC755CKW12CDM terminal has 1 gigabyte of DDR3 RAM, 512 megabytes of ROM, and 512 kilobytes of SRAM. The operational data can be stored to an optional SD/SDHC memory card which is not included. The dimensions of the terminal are 314 x 248 x 65 millimeters (12.3 x 9.7 x 2.5 inches). The weight of the unit is 3 kilograms or 6.6 pounds.