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OP6700 Intellicom <€



Models OP6700, OP6600

OP6700 Description
OP6700 Specifications



Large View | 360° View

Low-Cost Starter Packages

Includes everything you need to begin development



Description

The Intellicom is a C-programmable, 12-key graphic display with Ethernet for network connectivity and a VFD option for applications requiring high visibility. To accommodate users' installation preferences, the versatile Intellicom can be either wall or panel mounted.

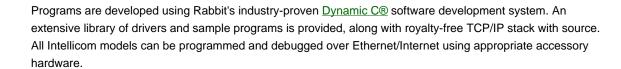
Features

- 10Base-T Ethernet with RJ-45
- High-visibility backlit, supertwist 4 x 20 LCD
- 12-key, user-relegendable keypad
- 8 industrialized I/O
- Scratch-resistant, self-healing lens

Powered by the Rabbit® 2000 microprocessor, the OP6700 offers direct connection to 10Base-T Ethernet and communicates with serial devices via RS-232 and/or RS-485, providing multiple solutions for your communication applications. Eight general-purpose I/O provide control functionality.

A high-visibility 4 x 20 character display with backlighting provides excellent character legibility, and a tactile feedback 2 x 6 keypad offers a legend that can be user customized. The Intellicom is easily mounted and comes with bezel and impact-resistant plastic enclosure.

Programming the Intellicom



OP6700 Intellicom Specifications

Features OP6700 OP6600

Microprocessor Rabbit 2000 @ 18.432 MHz

 Ethernet Port
 10Base-T, RJ-45
 None

 Flash
 512K (2 x 256K)
 256K

SRAM 128K (standard)

Backup Battery Socketed board with 3 V lithium coin-type, 1,000 mA·h, supports RTC and SRAM

Keypad/Display 2 x 6 domed tactile keypad with customizable legend, supertwist 4 x 20 LCD with

backlighting

Digital Inputs 4 protected to ±36 V DC

Digital Outputs 4 sink 200 mA, 40 V DC max.

Speaker Outputs Software-adjustable frequency and volume

Serial Ports 3 total: one 5 V CMOS-compatible (programming) and either two 3-wire RS-232, one

3-wire RS-232 and one RS-485, or one 5-wire RS-232

Serial Rate Max. burst rate = CLK/32 Max. sustained rate = burst/2

Connectors Screw terminals

Real-Time Clock Yes

Timers Five 8-bit timers (four cascadable from the first) and one 10-bit timer with 2 match

registers

Watchdog/Supervisor Yes

Power 9-40 V DC, 2.4 W (backlighting on)

Operating Temp. 0°C - 50°C

Humidity 5-95%, non-condensing

Board Size 4.7" x 4.3" x 0.8" (119 mm x 109 mm x 20 mm)

Enclosure Size $6.7" \times 5.7" \times 2.0"$ $(170 \text{ mm} \times 145 \text{ mm} \times 51 \text{ mm})$

Part Number 20-101-0411 101-0412

 Starter Package
 U.S. 20-101-0411, 101-0414, Int'l 20-101-0411, 101-0415
 U.S. 101-0412, 101-0414, Int'l 101-0412, 101-0415

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