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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# OP6700 Intellicom™

Operator Interfaces  
Models OP6700, OP6600

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

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

Powered by the Rabbit 2000™ microprocessor, the OP6700 offers direct connection to 10Base-T Ethernet and communicates with serial devices via RS-232, RS-485, or both, 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

Programs are developed using Z-World's industry-proven Dynamic C® software development system. An extensive library of drivers and sample programs is provided, along with royalty-free TCP/IP stack with source. All Intellicom models can be programmed and debugged over Ethernet/Internet using appropriate accessory hardware.

OP6700 Intellicom Specifications		
Features	OP6700	OP6600
Microprocessor	Rabbit 2000 at 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 on 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.	0-50°C	
Humidity	5-95%, non-condensing	
Board Size	4.7" X 4.3" X 0.8" (119 x 109 x 20 mm)	
Enclosure Size	6.7" x 5.7" x 2.0" (170 x 145 x 51 mm)	