



**INDUSTRIAL CONTROL UNIT  
ECU537A**

1504 Sofia, Bulgaria  
75, Dondukov blvd.  
Phone/fax: (02) 843 9891  
<http://www.pixeye.eu>

**Hardware platform**

500MHz high performance Blackfin processor  
64MB RAM / 16MB NOR Flash  
Hardware Watchdog Timer  
Realtime clock  
10" LCD TFT color display  
Industrial High Reability Keyboard  
Wide Range Power Supply DC 6-36V  
Power consumption: <5W



**Connectivity**

10/100Mbps Ethernet port	1x
CAN interface (optoisolated)	1x
RS232 (keyboard)	1x
RS232 / RS485 (jumper sellectable)	1x
SD/MMC memory card slot	1x

**Operating system**

uC Linux Embedded Operating system	
nanoX Graphic User Interface (GUI)	
CANopen Stack	
Realtime execution support	

**Software development tools**

Standard GNU C/C++ development environment	
GUI development tools	
PLC editor	
Full sourcecode available	

