EXAMPLE I/O

DOOR SWITCH

3-15VDC

ETHERNET I/O
BOARD

AVR ETHERNET I/O

4N28
4N28
4N28
4N28

RTL8019
ETHERNET

AVR ICSP

RESET

ATMEGA

74HC573

RELAY
RELAY
RELAY
RELAY

RS-232
RS-232

MAX-232

12VDC

7805

COMPUTER
RESET SWITCH

RELAY
POWER

HIGH POWER
DEVICE

RELAY

+

−

(COMPUTER 1)
LAN DEVICE 2
(COMPUTER 2)
LAN DEVICE 3

LAN DEVICE 1

ROUTER

WAN

H.S. MODEM

CABLE/ PHONE LINE

Use a 12V "Wallwart" D/C
converter with 2.1mm centre-
positive barrel connector.
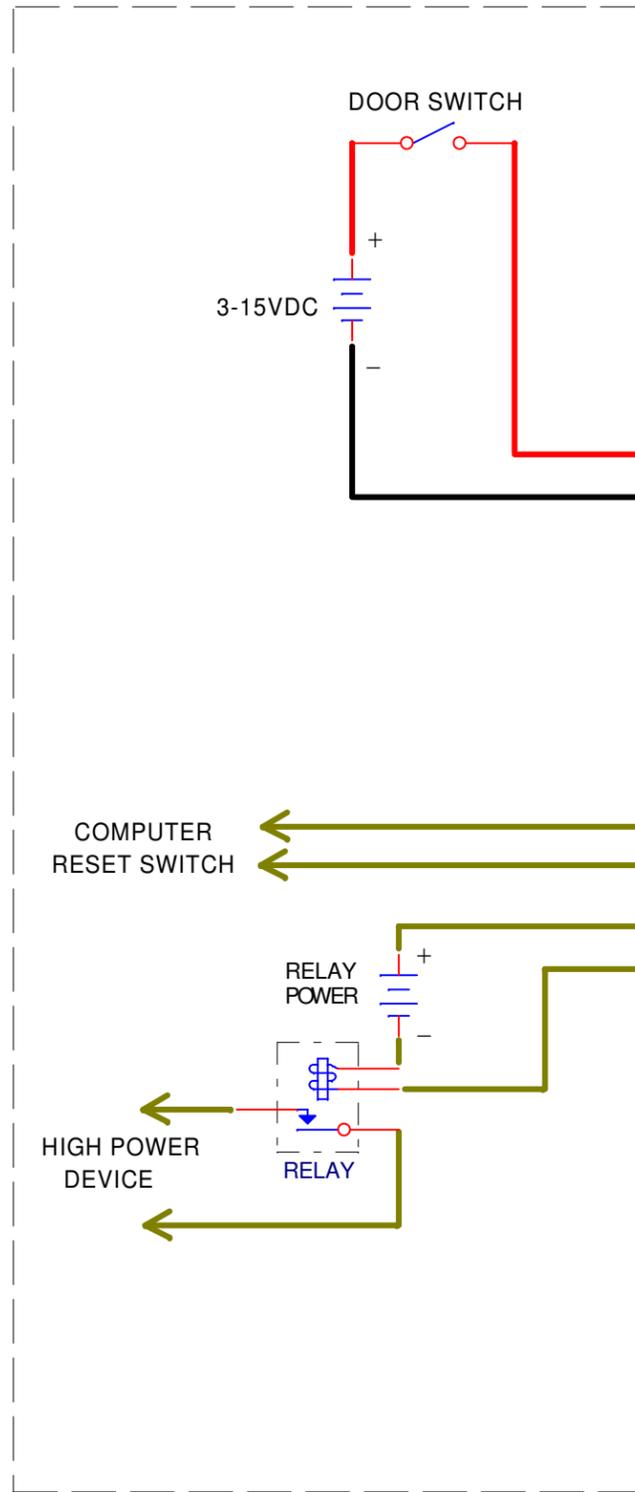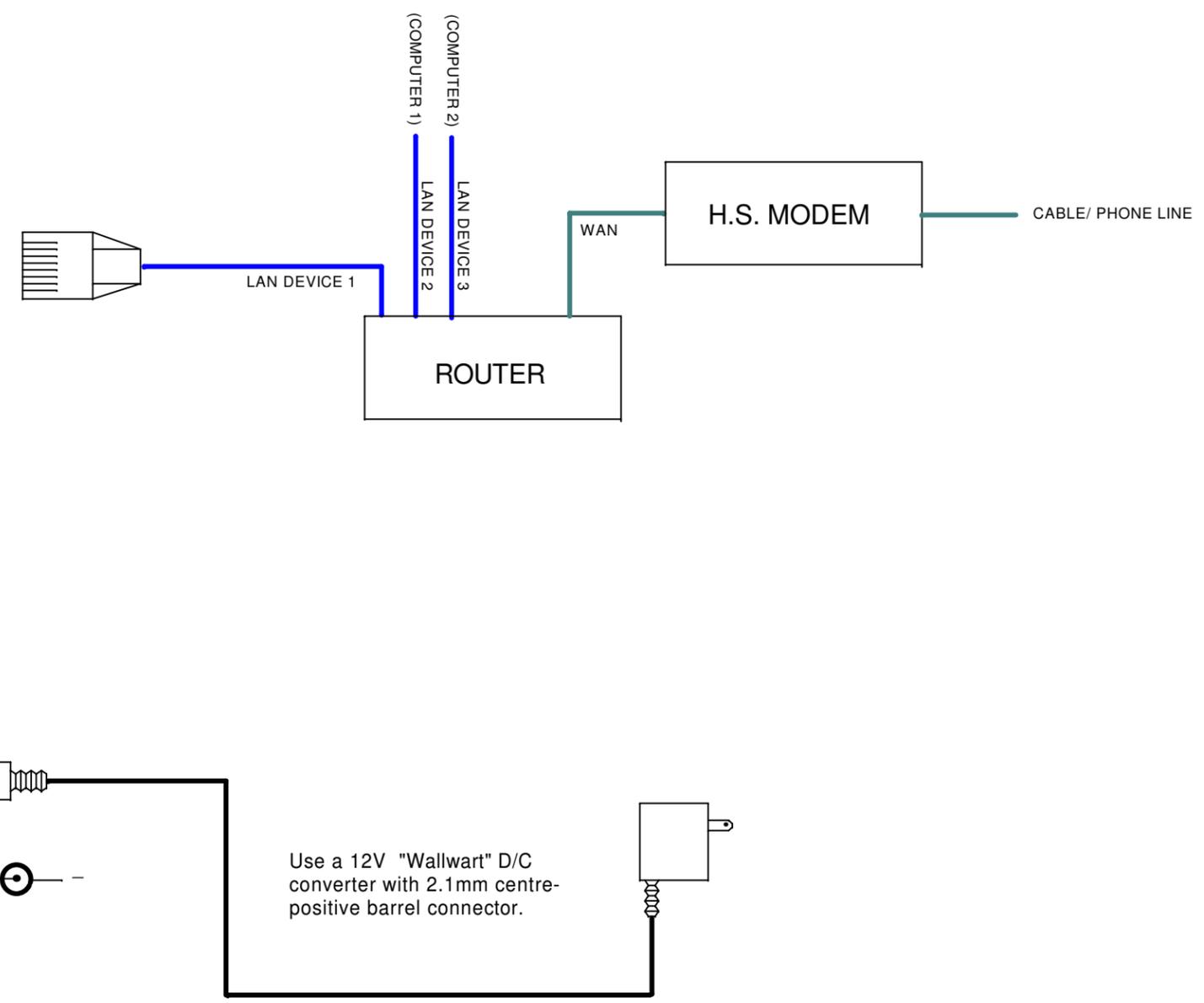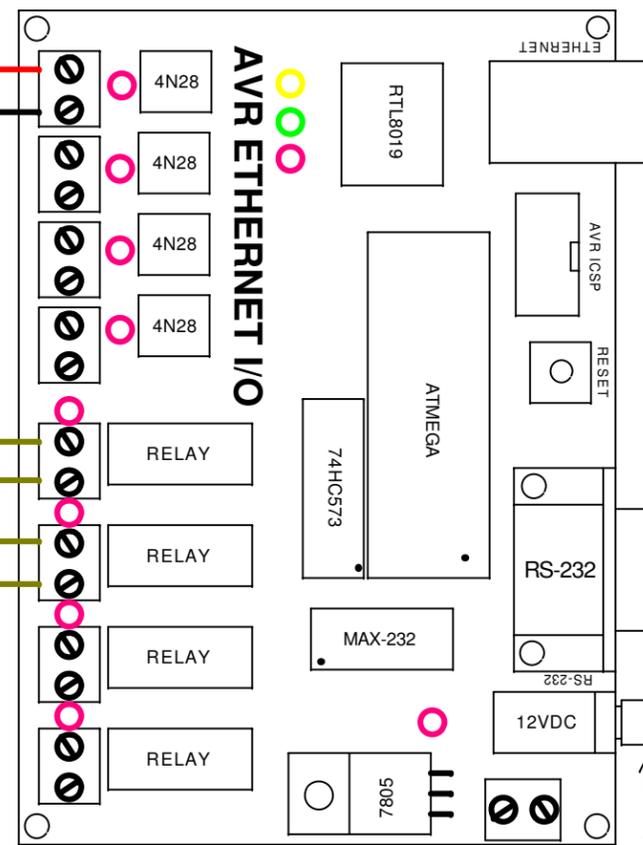
Example I/O demonstrates some items that can be
controlled and monitored by the Ethernet I/O board.

* Obey correct polarity on inputs.

** Relay outputs are N.O. dry contracts.

Title
Ethernet I/O Hookup Diagram

Size
B

Document Number
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Date: Wednesday, June 23, 2004   Sheet   1   of   2

(NOT TO SCALE)