Block Diagram - Transmitting Equipment

Courtesy of John Wettroth
Maxim Integrated Products

Bold Lines - Power
Fine Lines - Signals
Dashed - RF Signals

SOLAR PANEL
45W Peak

SOLAR CTLR

BATTERY B
12V 35 A-Hr

BATTERY A
12V 35 A-Hr

DISCHARGE CONTROL

LIGHT DETECT

910 MHz XMTR

WEATHER PROOF BOX

ANTENNA

Camera A

Camera B (SPARE)
Block Diagram - Receiving Equipment

Courtesy of John Wettroth
Maxim Integrated Products

ANTENNA

~30’ LOW LOSS COAX

910 MHz RECEIVER

MAXIM MG3500 BOARD

DIGITAL VIDEO ‘ETHERNET’

ANALOG VIDEO ‘RS-170’

DSL MODEM

INTERNET

‘DSL’

AC POWER

UPS AC POWER SUPPLY