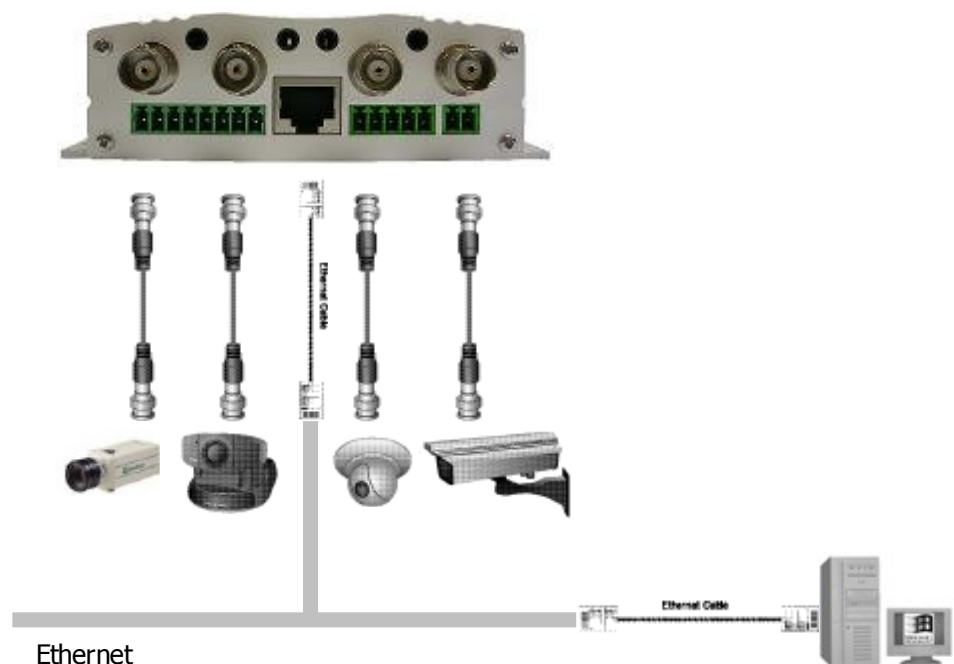


Manual

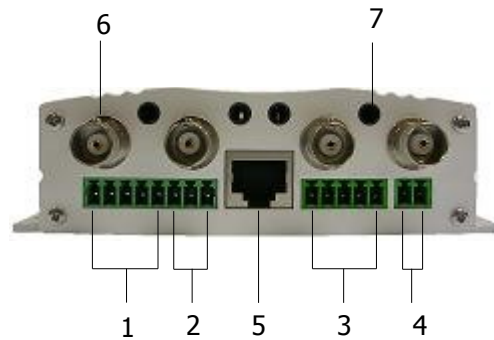
Feature

- ✓ Built-in Web Server and Network Interface
- ✓ No PC Needed for Operation – Standalone Unit
- ✓ Linux Based Operating System
- ✓ Motion Detection : Adaptive Detection Level Setting
- ✓ Monitor live video transmitted in real-time
 - Remote monitoring up to 120 fps live video
 - CIF (352 X 240) at 120 fps / 4CH
 - Real MPEG-4
 - Low network bandwidth requirement
- ✓ Simultaneous video and audio signal transmission
 - Two-way audio
 - Monitor voices and background sounds over a single connection
- ✓ Supports network environments
 - Ethernet or Fast Ethernet interface
- ✓ Easily upgrade software from anywhere
 - Upgrade software at remote sites using an exclusive application
- ✓ E-mail transmissions with attached video clips ensure important events are not missed
 - Notifications can be transmitted to assigned e-mail addresses and FTP servers when motion is detected or the sensor detects an input signal
 - Digital sensor TTL input
 - Alarm output
 - RS485 interface for Pan, Tilt and Zoom control
 - Functions can be set remotely using an exclusive application

Typical Installation



Description



No.	Description	Regulation
1	Alarm Output	TTL Level Output
2	RS-485	RS-485 Data
3	Alarm Input	TTL Level Input
4	Power Input	DC 12V
5	Ethernet	RJ-45 Ethernet Connector
6	Video Input	1V _{p-p} Composite, 4 Channel
7	Audio Input & Output	Mono Audio Input & Output, 4 Channel

Specification

- ✓ Video
 - Input Format : NTSC / PAL
 - Compression Data Rates : 256Kbps to 1.5Mbps
 - Compression Standard : Real MPEG-4
 - Resolution : Max. CIF (352 x 240)
- ✓ Audio
 - Input : 4 Channel MONO, External MIC Support
 - Output : 4 Channel MONO
 - Compression method : G.711 PCM 64 Kbps
 - Bi-direction (Full Duplex, 4 CH, MONO)
 - AV Synchronization
- ✓ I/O
 - Network : 10/100Base-T, Female RJ-45
 - Analog Video Input : 1V_{p-p} Composite, 4 Channel, BNC
 - Digital I/O : 4 Port input, 4 Port Output, TTL
 - Serial I/O : RS-485
 - Network Protocols : TCP/IP, DHCP, FTP, SMTP, HTTP
 - Network Security
 - User ID and Password Protection
 - User Level Protection
 - IP Filtering

FCC NOTE

:This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.

OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND

(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED,

INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.