Troubleshooting

If the unit does not function properly, check the following points before contacting the service center.

Problem	Cause & Remedies
NO Power	Check the AC outlet , AC Adapter and turn the power switch ON
NO Picture	Connect the Yellow-Connector to video input correctly
NO Sound	Connect the White-Connector to audio input correctly
Picture flickering	Remove strong spotlight in the field of view
Dim picture, too bright/dark	Adjust brightness level of your Monitor or TV properly
Rolling or jumping Picture	Adjust V-Hold level of your Monitor or TV properly

How to Obtain Factory Service

1. Original Purchaser must fill out a warranty card and mail it to Clover Electronics USA with model number, serial number and date of purchase

2. Please pack the products carefully, and securely by using the original packing materials, and send it prepaid and insured to: 13073E. 166th St. Cerritos, CA 90703.

   Please include a note stating how the unit is defective.

3. If the unit is returned within the warranty period, please include a proof of purchase and check for $25.00 to cover the cost of return postage and handling.

   If the unit is out of warranty, please include a check for $25.00 to cover the cost of return postage and handling, you will receive an estimate of the repair cost for your approval before repair work will be started.

4. Clover will repair or replace and return the products to the owner under this limited warranty.

Limited 2 year Warranty

This warranty gives the original purchaser specific legal rights and you may also have rights, which may vary from state to state.

If our products do not function because of any defect in material or workmanship, we will repair it for free for 2 year on parts and labor from the date of original purchase.

This warranty does not cover modification, abuse, incidental or consequential damages unless the state of owner's residence specially prohibits limitation on incidental or consequential damages

Available Accessories

• CA060 60' 6Pin Din Extension Cable	• CDR0440 Stand-alone 4Channel DVR
• CA100 100' 6Pin Din Extension Cable	• CDR0840 Stand-alone 4Channel DVR
• CA300 300' 6Pin Din Extension Cable	• CDR0880 Stand-alone 8Channel DVR
• CN020 6Pin Din Coupler for Extension Cables	• CDR1650 Stand-alone 16Channel DVR

(562)282-5700

INSTRUCTION MANUAL

Four High Resolution Color

Security Cameras
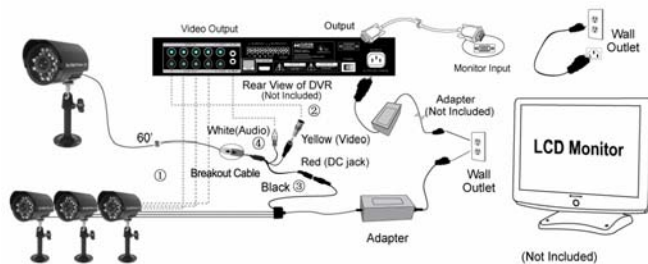
with IR LED Lights for Night Vision

Model # RD5354

www.cloverusa.com

KEY FEATURES

- True Day/Night Performance
- Weather Resistant
- Rugged Aluminum Construction
- Resolution 450 TV Lines
- Built-in ICR (IR Cut Filter Removal)
- Total 18 Infrared LEDs with a CDS sensor
- Up to 40' IR range (depends on scene reflection)
- Built-in Water Proof Microphone for Indoor / Outdoor Use
- 60ft Cables (6pin Din to BNC/DC) & A/C Adapter Included
- Connect the Cameras to Any DVR Systems or a monitor/TV.

INSTALLATION

1. Attach the mounting bracket to the desired location on the wall or ceiling, wherever you want to install the camera. Locate a wall stud or ceiling joist and secure the mounting bracket using the supplied screws.

2. Connect the one end (6pin Din) of 60' cable ① to the 2' breakout cable. Make sure that two arrows on the top of them should be aimed at each other.

3. Connect the BNC (yellow) on the end of 60' cable ② to the one out of video inputs on the rear of DVR or a monitor/TV and DC jack (red) to ③ AC adapter (ADT123004). Plug the provided AC adapter (ADT123004) to AC outlet: refer to the illustration above.

If necessary, Connect the RCA (white) ④ to an audio input.

SPECIFICATIONS

Image Pickup Device	¼" Color Image Sensor
TV System	NTSC
Array Size	656 x 492
Image Area	4.080 mm x 3.102mm
Resolution	450 TV Lines
Minimum Illumination	0 Lux @ (LED On), 0.1 Lux @F1.2 (LED Off)
IR LED	18pcs, Wave Length: 850nm
S/N Ratio	More than 48db
Gamma Characteristics	0.45
Video Output	1.0v p-p Composite, 75 Ohms
Audio Output	600 ohm Max, 3Vp-p
Microphone	Waterproof C-Mic
Exposure Time Range	1/60s - 20μs
Lens	3.6mm Fixed Lens
Current Consumption	230 mA @ LED On
Power Supply	DC 12V
Operational Temperature	-10ºC to 50ºC RH95% Max
Dimensions	56(Ø) x 81(L) mm
Weight	1.1Lbs

PACKAGE INCLUDES

- 4 - True Day/Night Camera
- 4 - 60' Cable (6pin Din to BNC/DC jack)
- 4 - Mounting Bracket
- 4 - BNC to RCA Adapter
- 1 - Mounting Screw Set
- 1 - AC Power Supply with 4 DC Output
- 1 - Warranty Registration Card
- 1 - Instruction Manual