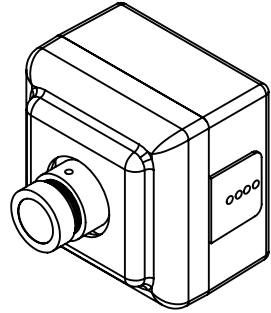




Analog HD ATM Camera User Manual

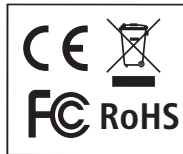


V531-KB002-202
Ver. 05/2020

Regulatory Compliance

Emissions: - CE:
--EN55022
--EN55011
- FCC:
--47 CFR Part15 Subpart B
--ANSI C63.4
--ICES-003

Immunity: - CE:
--EN55024
--EN50130-4



FCC COMPLIANCE:
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.

CISPR 22 WARNING:

This is a Class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

POWER SUPPLY REQUIREMENTS:

For use with listed Audio/Video product and only connected to 15W or less power supply.

*Power supply should be a NEC Class 2 / LPS Supply.

EQUIPMENT MODIFICATION CAUTION:

Equipment changes or modifications not expressly approved by seller. The party responsible for FCC compliance could void the user's authority to operate the equipment and could create a hazardous condition.

This class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

About this Sheet

Thank you for purchasing this product.
Before operating this unit, please read this sheet carefully.

For detailed descriptions about the unit's specification, please refer to the following content.
For any information or inquiry, please contact your local dealer.

Product illustration only for installation or adjustment reference, please take the product as standard.
Please note that the specifications and appearance of this unit are subject to change for further improvements without prior notice.

Camera Installation and Connection

Installation

Choose an appropriate bracket from the two included (Short or Long).

To change the bracket, remove the screws on each side of the camera, remove the current installed bracket and then replace it with a new version. Reinstall the attaching screws to secure the bracket to the camera.

For specific locations, there are two extended arms which will allow the camera to be positioned forward.

1. Remove the bracket by loosening the securing screws and axis screws on both sides.
2. Place the two extended arms and secure the supplied axis screws to the camera. Then set the positioning screws back onto the camera.

Note: slightly tighten the axis screw and make sure the extended arms are still rotatable.

3. Use the axis screws to install the bracket onto the extended arms and then secure the positioning screws. Adjust the position required and tighten the positioning screws so as to fix the camera to the desired view angle.

Note: Some installations require the bracket to be installed in the ATM machine before attaching to the camera.

In the accessory bag you have securing screws or thumb knobs that can be used to secure the camera. Choose which works best for the installation. Once the camera is mounted and positioned, secure the camera by tightening screws.

Connection

Dual Voltage Version

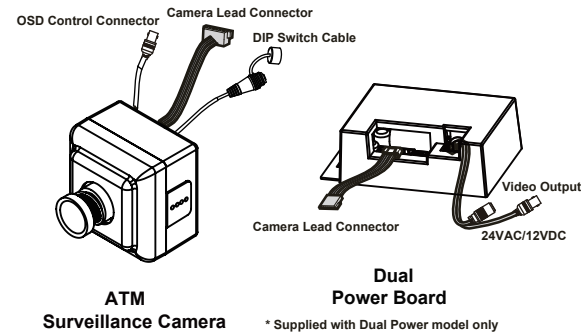
Mount dual power board in desired location then attach the camera lead. Next use the wire ended barrel plug to attach the appropriate power source and plug into the mating connector coming off the dual power board. Attach video cable and installation is complete.

12VDC Version

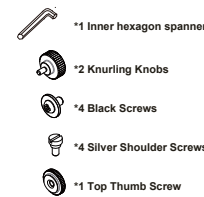
Attach the camera lead then use the wire ended barrel plug to attach the appropriate power source and plug into the mating connector in the wire harness. Attach video cable and installation is complete.

Make sure power is off before any connection is made.

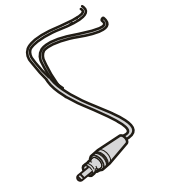
ATM Surveillance Camera Parts and Descriptions



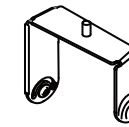
* Supplied with Dual Power model only
** 12VDC only model cannot connect to dual power board



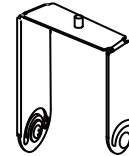
Screw Accessories



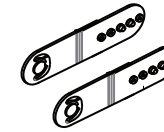
Wire-ended Power Adaptor Lead



Short Bracket



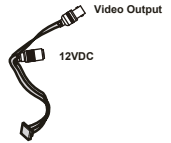
Long Bracket



Extended Arms



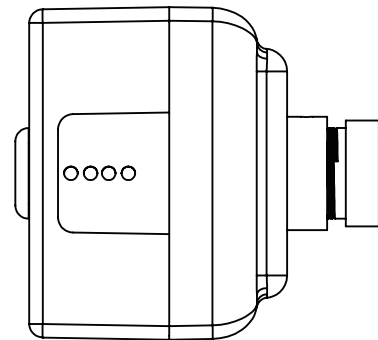
OSD Control Board Cable



Camera Lead Connector

* Supplied with 12VDC model only
** 12VDC: connect directly to camera

Installation

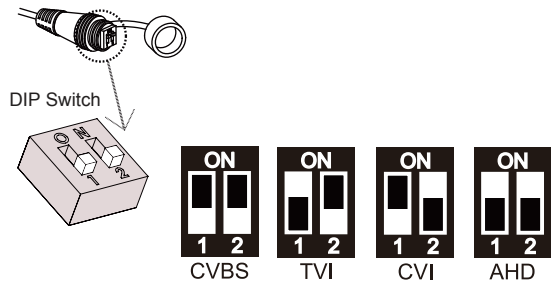


1. Here drawing has several fixed holes, customer can choose different fixed hole base on different environment.
2. Please tighten screws once the appropriate fixed hole is chosen.

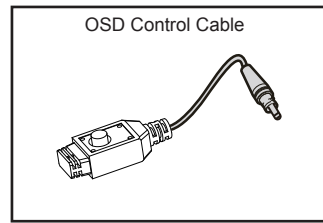
Before Installation

This dip switch cable is for setting of video signal mode, CVBS is set as factory default.

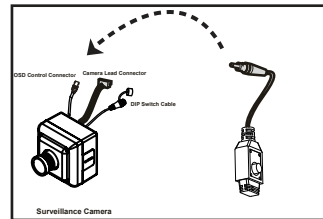
If any of HD over Coaxial Technology is available and intend to be used (e.g. DVR, Video Server), please adjust to corresponded video signal before installation according to the required specifications.



The OSD Control Board and Programming

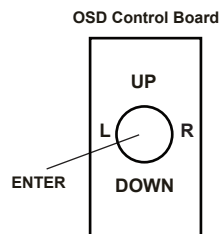


Connect the OSD Control Board to the Camera (see image below)



With power applied to the camera and a video monitor connected, press and hold the [ENTER] key for three seconds to access the OSD top level menu. A map of the setup menu options will be shown as the right of this sheet presented.

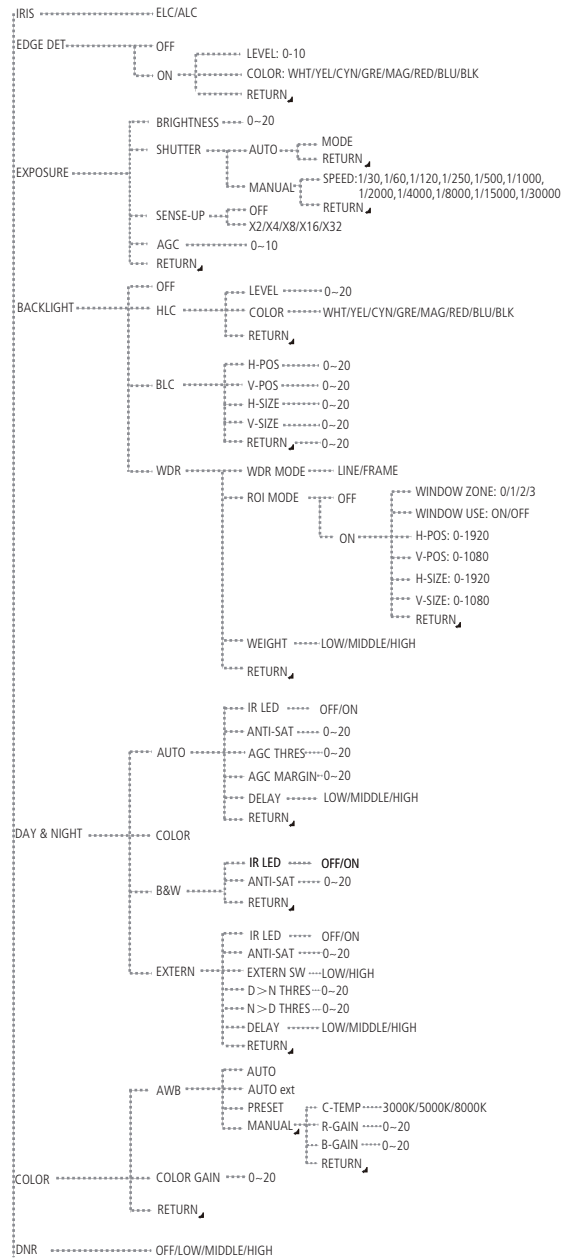
To navigate through the menus, use the arrow keys on the control board and use the [ENTER] key to select the menu field desired.



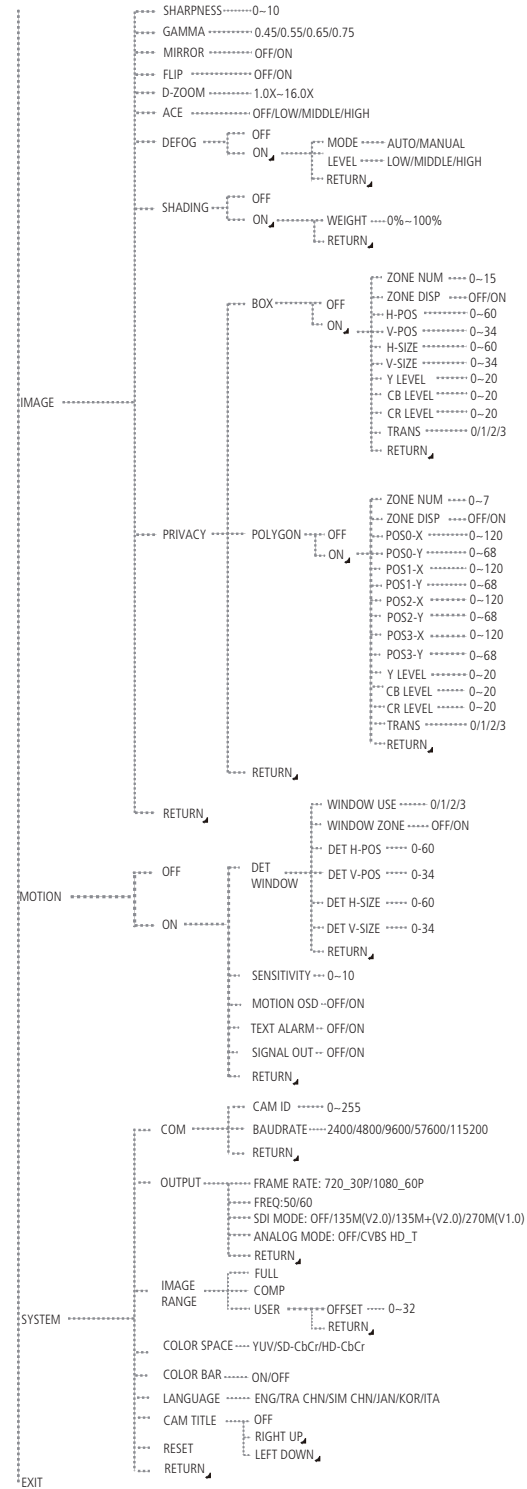
IMPORTANT:
When any changes made to the camera configuration, use the "SAVE SETTINGS" option in the "SAVE/RESTORE" menu to save. Otherwise any changes made will be lost when the camera is next reset or has its power cycled.

Control Menu Map

Page 1



Page 2



Camera Specifications

General Specifications			
TV System	NTSC / PAL		
Scanning Frequency	NTSC: 60Hz / PAL: 50Hz		
Iris Type	Fixed Iris		
Image Sensor	1/2.8" CMOS Sensor		
Effective Picture	2.13 Megapixel		
Resolution	1945(H)*1097(V)		
S/N Ratio	≥42 dB (AGC Off)		
Minimum Illumination	Color DSS: 0.0017Lux, BW DSS: 0.00008Lux		
Video Output	AHD/TVI/CVI/CVBS		
Power Source	DC12V±10%; AC24V±20%		
Power Consumption	4.35W Max		
Operating Temperature	-10 C ~+50 C		
Storage Temperature	-20 C ~+60 C		
Functional Specifications			
AES	AUTO/1/50 (60) -1/60000 Sec		
BLC/HLC	Off / On		
AGC Gain Control	Support		
Day/Night Control	Auto/External Control/Color/B&W		
White Balance	Auto / Auto Ext / Preset / Manual		
UTC Remotely Transmission	DVR Remotely Control		
T-WDR	Off / Low / Middle / High; WDR S/N Ratio:120dB		
Defog	Off / On, Low / Middle / High		
Motion Detection	OFF/ON, 4 Zones		
Privacy Zone	8 Privacy Zones		
Sharpness	0-10		
Digital Noise Reduction	3D NR		
Language	English/Simplified Chinese/Traditional Chinese/Japanese/Korean/Italian		
Lens Specifications			
Focal Length	2.5 mm	2.8 mm	
F No.	F1.8	F2.2	
Field of View	H	131.2°	105°
	V	68.8°	74.6°
	D	162°	130.8°