

Advanced Ai Vision System

--- User Manual---

Product Model : A.i 360 AVM



Note: Images of this model is for reference only, and no further notice will be given in case of any changes.

FCC WARNING

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 undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

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Product Characteristics and Overview

TTC-CV-P360AVM AI visual security monitoring system uses high-performance image processing chipset, LINUX operating system. with 4 or 6 1080 P AHD Camera with real-time fault tracking, remote parameter query Settings and other terminal equipment intelligent operation and maintenance functions, is a set of satellite positioning embedded operating system , integrating advanced H.264/265 video compression/decompression WIFI technologies. The product features shock resistance , electromagnetic interference resistance , radiation protection , simple appearance , easy installation , versatility , large SD card data storage and high reliability

- . Suitable for a variety of vehicles
- . Easy operations to Splice with Autodefend APP
- . Support 6 channels 720P/1080P BSD
- . Multiple views: Bird view +3D view+ multiple views .
- . Secure Recording to Lockable1 SD Cards - up to 1T
- . Wi-Fi (AP Mode & Client Mode)
- . Support RS485 connect to MDVR, video, picture , alarm data transmission
- . Support CMSV6/Wialon server platform

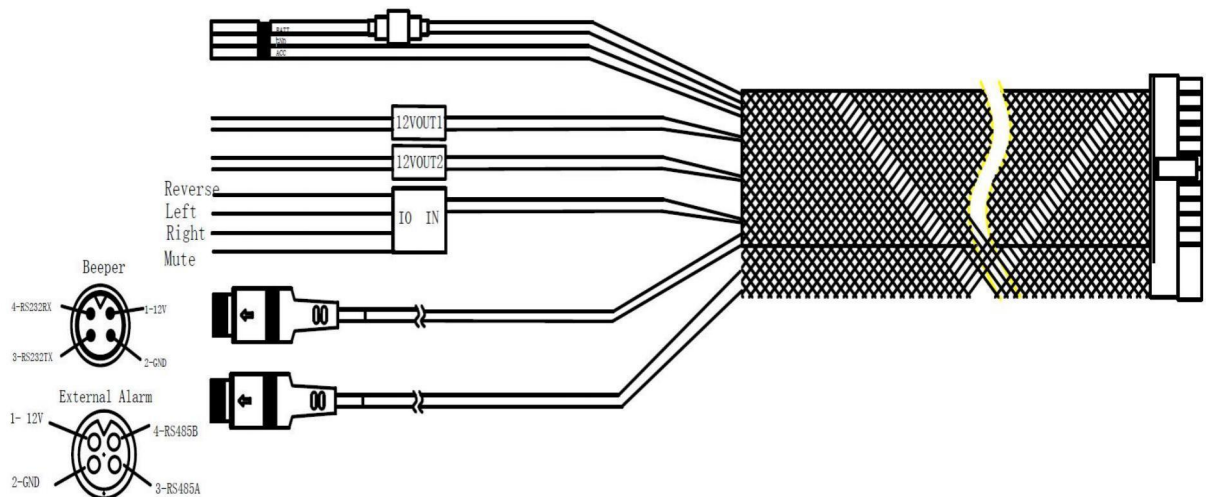
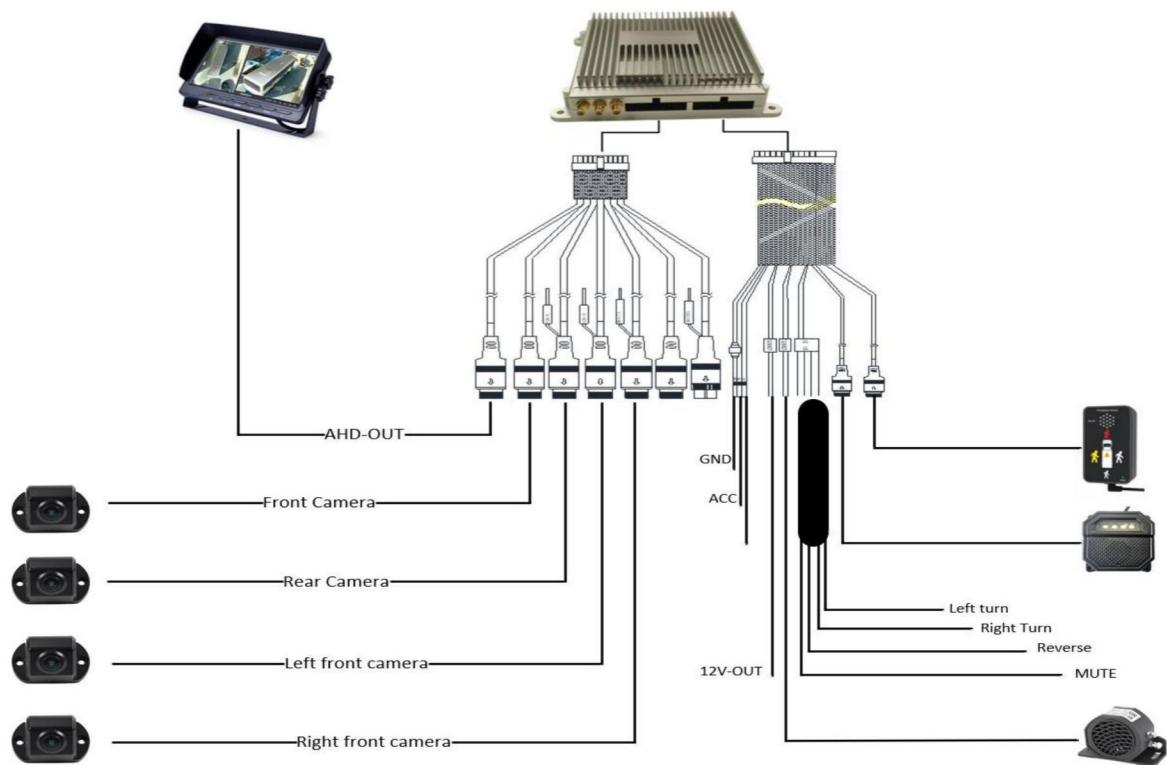
1) System Overview

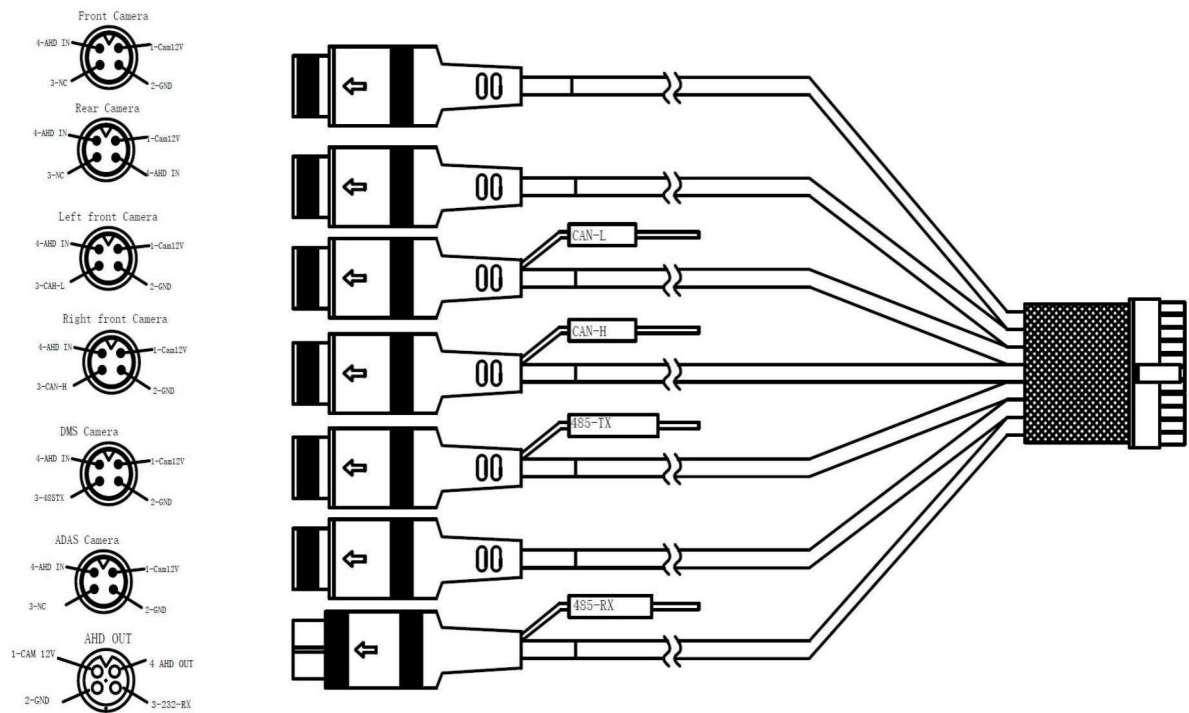


2) Package kit and BOM

Product	Picture
A.I 360 ECU	
Front/Rear camera (with A.I Scaning)	  AHD camera
Left /Rightcamera (with A.I Scaning)	  AHD camera
External Alarm	 Or 
Internal Beeper	 Beeper Display
LCD monitor 10.1"	 10. 1" AHD Monitor
3D calibration Tape	 4 pcs Tape

3) System Diagram and connection



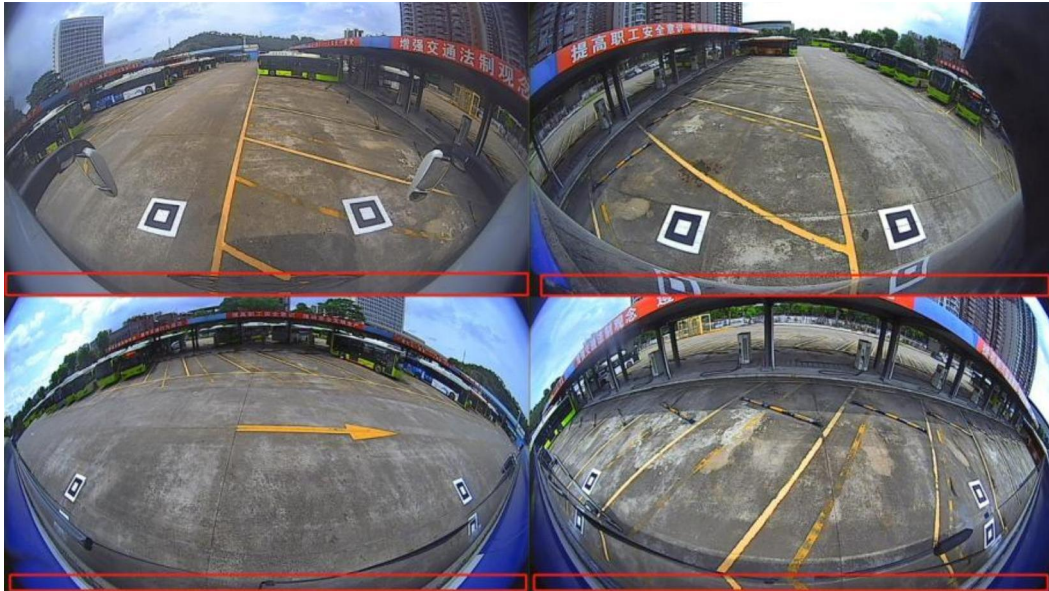


4) Installation tips

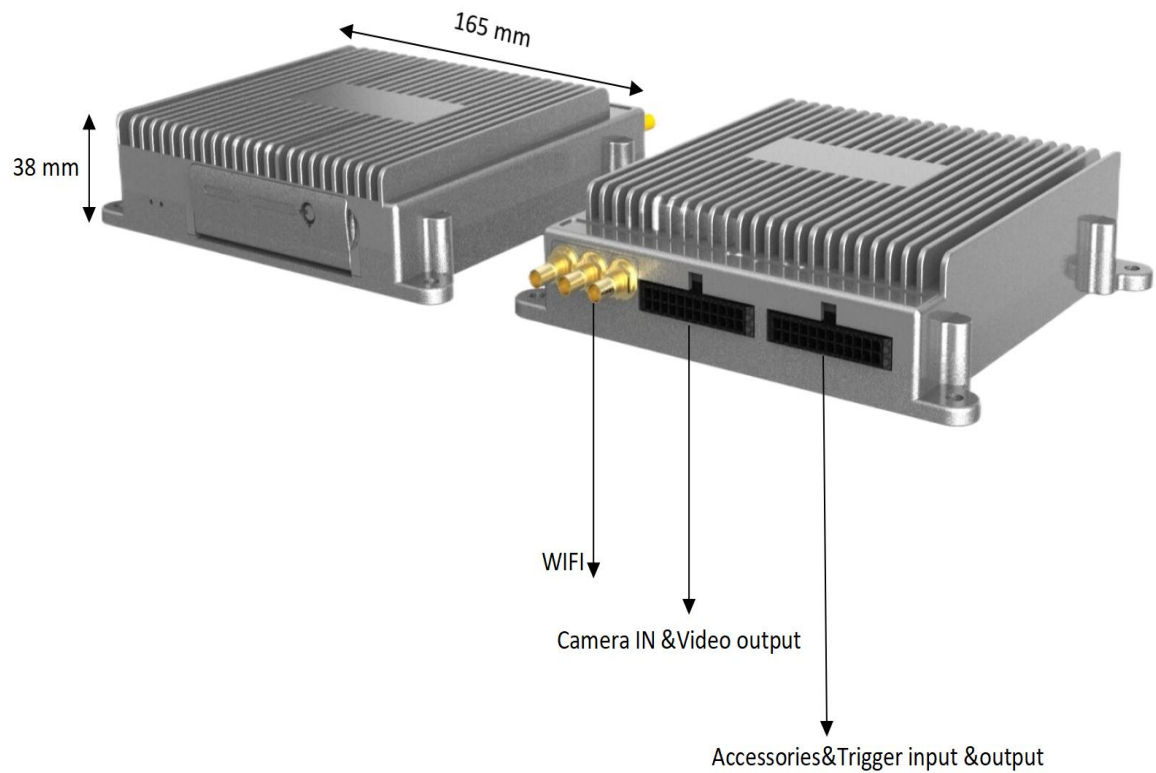
1,install position can refer to the following picture



2, the camera is positioned 35 to 50 ° down from the horizontal direction. After installation, ensure that 10 to 15% (like the red square) of the body can be seen in the camera display screen, also make sure all the 4 cameras can see 2 crops, refer to the following picture



5) Controller unit - Appearance ID & dimension & Feature



6) Specifications

Function		Parameters
VIDEO	video Input	4*1080P AHD Camera maximun 6 *1080P AHD Camera
	Video Output	1 Channel AHD
	Signal Syetem	PAL/NTSC
Audio	Audio input	1 channel input
	Audio Output	1 channel output

	Recoard Format	Synchronized A/V recording
Recording&Storeage	imaage resolution	D1/720P/1080P
	Video coding	H.264
	Video Bit Rate	HD1/D1:2048Kbps
		720P:4096Kbps-400Kbps
		1080P:4096Kbps-400Kbps
	Storage	1TF Card Up to 1T I USB for system update
Communication Ports	RS485	2*RS485
	RS232	1*RS232
	CAN	1*CAN
	WI-FI	Support AP mode and client mode
	G-sensor	6-axis G-sensor(option)
Software Upgrade	Local or APP	upgrade via USB, APP OTA, cloud Platform
Voltage Input	DC:9-36V	VDC Please check operational voltage ofvehicle prior to the installation of the AI controlle!and its accessories to prevent possible damage
I/O Port	Input	4*IO Input
	Output	2ch 12V Output
Operation enviornment	Tempreture	--30°C- +75°C
	Humidity	20%-90%RH