

The logo for AVstart features the letters 'AV' in a bold, red, sans-serif font. A white swoosh underline is positioned beneath the 'A' and 'V'. To the right of 'AV', the word 'start' is written in a bold, black, italicized sans-serif font.

**AVstart**

High technology make beautiful life

# Company profile

- Langshixing Electronics (Shenzhen) Co. , Ltd. , established in 2007 and specialized in designing , manufacturing and marketing , is a professional manufacturer of professional Wifi cameras. baby monitors and some smart home security product.Over the past years' development,we have been experienced in research and design of cutting-edge technology surveillance equipments.
- We not only marketing our own "AVstart“ brand ,but also support OEM and ODM service for many famous brand ,With more than 500 staff , and take up 5000m' factory , Langshixing's all in one system from PCBA's processing(SMT,DIP) ,assembly and testing process .As main manufacturer of wifi cameras in china ,the company can produce up to 50 thousand sets monthly.
- High quality and good reputation makes our products are exported to Europe, the Middle East and Southeast Asia, and is widely used in public security, intelligent building, intelligent transportation and other fields. All products have passed the CE,ROHS, FCC, CCC certification.

Marketing department



SMT&Production line



SMT production line



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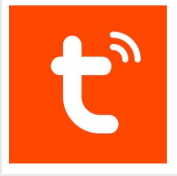

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**PRODUCT**



# Product Series

Function					
APP name	IPC360	Yi iot	Tuya	Yoosee	CloudEdge
HD Resolution	2MP/4MP	2MP/3MP	2MP	2MP	2MP
Video Compression	H.264/H.265	H.264/H.265	H.264	H.265	H.264
Motion Tracking	YES	YES	No	yes	yes
Baby Crying detection	No	Yes	No	no	no
Sounds detection	No	Yes	Yes	no	no
Human Detection	No	Yes	No	yes	YES
Multiple user access	6	8	4	4	4
Work with Alexa	YES	YES	Yes	no	Yes
Work with Onvif	YES	YES	no	yes	no
Storage type	30-day Free Cloud Service/ Support MicroSD Card up to 128GB	30-day Free Cloud Service/ Support MicroSD Card up to 64GB	Cloud Service/ Support MicroSD Card up to 128GB	Support MicroSD Card up to 128GB	7-day Free Cloud Service/ Support MicroSD Card up to 128GB
Connection Ways	2.4GHz WiFi/ LAN cable	2.4GHz WiFi/ LAN cable	2.4GHz WiFi/ LAN cable/ Hotspot	2.4GHz WiFi/ LAN cable/ Hotspot	2.4GHz WiFi/ LAN cable/ Hotspot
Please note :some function need to add extra cost or value-added services					



# **IPC360 Series**

## **INDOOR CAMERAS**

**PDB205/PDB401**



# PDB205/PDB401



Specifications	
Model	PDB205/PDB401
Main processor	T20N/T30X
Image sensor	1/2.9" CMOS F23/ 1/2.7" CMOS K02
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 60° , Vertical 38°
Night vision	Dual Filter, IR-Cut, 9pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.264 Dual Stream/H.265 Dual Stream
Resolution	2MP/4MP (Max 25fps)
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Preset position	Phone APP: support 21 presets positions for fast viewing
Protocols	Private Protocol
Socket	1* Micro SD Card Slot, Support Up to 128G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC5V / 2A
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%

**PG205/PG401**



# PG205/PG401



## Specifications

<b>Model</b>	<b>PG205/PG401</b>
Main processor	T20N/T30X
Image sensor	1/2.9" CMOS F23/ 1/2.7" CMOS K02
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 60° , Vertical 38°
Night vision	Dual Filter, IR-Cut, 9pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.264 Dual Stream/H.265 Dual Stream
Resolution	2MP/4MP (Max 25fps)
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Preset position	Phone APP: support 21 presets positions for fast viewing
Protocols	Private Protocol
Socket	1* Micro SD Card Slot, Support Up to 128G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC5V / 2A
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%



# PG205D



## Specifications

<b>Model</b>	<b>PG205D</b>
Main processor	T20N
Image sensor	1/2.9" CMOS F23
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 60° , Vertical 38°
Night vision	Dual Filter, IR-Cut, 9pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.264 Dual Stream
Resolution	2MP (Max 25fps)
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz /2.5G
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Preset position	Phone APP: support 21 presets positions for fast viewing
Protocols	Private Protocol
Socket	1* Micro SD Card Slot, Support Up to 128G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC5V / 2A
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%

**PA205/PA401**



# PA205/PA401



## Specifications

<b>Model</b>	<b>PA205/PA401</b>
Main processor	T20N/T30X
Image sensor	1/2.9" CMOS F23/ 1/2.7" CMOS K02
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 60° , Vertical 38°
Night vision	Dual Filter, IR-Cut, 9pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.264 Dual Stream/H.265 Dual Stream
Resolution	2MP/4MP (Max 25fps)
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Preset position	Phone APP: support 21 presets positions for fast viewing
Protocols	Private Protocol
Socket	1* Micro SD Card Slot, Support Up to 128G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC5V / 2A
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%



**PB205/PB401**



# PB205/PB401

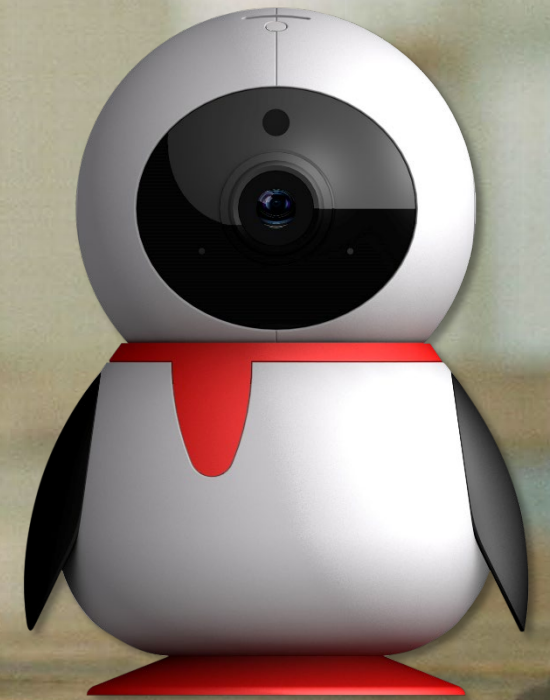


## Specifications

<b>Model</b>	<b>PB205/PB401</b>
Main processor	T20N/T30X
Image sensor	1/2.9" CMOS F23/ 1/2.7" CMOS K02
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 60° , Vertical 38°
Night vision	Dual Filter, IR-Cut, 9pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.264 Dual Stream/H.265 Dual Stream
Resolution	2MP/4MP (Max 25fps)
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Preset position	Phone APP: support 21 presets positions for fast viewing
Protocols	Private Protocol
Socket	1* Micro SD Card Slot, Support Up to 128G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC5V / 2A
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%



**PE205/PE401**





# PE205/PE401



## Specifications

Model	PE205/PE401
Main processor	T20N/T30X
Image sensor	1/2.9" CMOS F23/ 1/2.7" CMOS K02
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 60° , Vertical 38°
Night vision	Dual Filter, IR-Cut, 9pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.264 Dual Stream/H.265 Dual Stream
Resolution	2MP/4MP (Max 25fps)
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Preset position	Phone APP: support 21 presets positions for fast viewing
Protocols	Private Protocol
Socket	1* Micro SD Card Slot, Support Up to 128G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC5V / 2A
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%

**PE205/PE401**



# PH205



## Specifications

Model	PH205
Main processor	T20N
Image sensor	1/2.9" CMOS T21N
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 60° , Vertical 38°
Night vision	Dual Filter, IR-Cut, 6pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.264 Dual Stream
Resolution	2MP (Max 25fps)
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Preset position	Phone APP: support 21 presets positions for fast viewing
Protocols	Private Protocol
Socket	1* Micro SD Card Slot, Support Up to 128G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC5V / 2A
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%



# **IPC360 Series**

## **OUTDOOR CAMERAS**

**CA205/CA401**



# CAB205/CA401



## Specifications

<b>Model</b>	<b>CAB205/CA401</b>
Main processor	T20N/T30X
Image sensor	1/2.9" CMOS F23/ 1/2.7" CMOS K02
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 120° , Vertical 38°
Night vision	Dual Filter, IR-Cut, 18 pcs IR Leds
Video compression	H.264 Dual Stream/H.265 Dual Stream
Resolution	2MP/4MP (Max 25fps)
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Protocols	Private Protocol
Socket	1* Micro SD Card Slot, Support Up to 128G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC12V / 1A
Power Consumption	< 7W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%



**CB205/CB401**



# CB205/CB401



## Specifications

<b>Model</b>	<b>CB205/CB401</b>
Main processor	T20N/T30X
Image sensor	1/2.9" CMOS F23/ 1/2.7" CMOS K02
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 120° , Vertical 38°
Night vision	Dual Filter, IR-Cut, 18 pcs IR Leds
Video compression	H.264 Dual Stream/H.265 Dual Stream
Resolution	2MP/4MP (Max 25fps)
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Protocols	Private Protocol
Socket	1* Micro SD Card Slot, Support Up to 128G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC12V / 1A
Power Consumption	< 7W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%



# YI IOT Series

## INDOOR CAMERAS



**PG208/PG301**



# PG208/PG301



Specifications	
Model	PG208/PG301
Main processor	Realtek3903/MSC325
Image sensor	1/3.2" CMOS SC2231/1/2.9" CMOS GC2053
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 80° , Vertical 50°
Night vision	Dual Filter, IR-Cut, 9pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.264/H.265
Resolution	2MP /3MP@ 20fps
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Protocols	TCP/IP,HTTP,TCP,UDP,DHCP,P2P etc
Socket	1* Micro SD Card Slot, Support Up to 64G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC5V / 2A
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 85

**PH207/PH301**





# PH207/PH301



## Specifications

<b>Model</b>	<b>PH207/PH301</b>
Main processor	MSC313E/MSC325
Image sensor	1/2.9" CMOS SC2232/GC2053
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 80° , Vertical 50°
Night vision	Dual Filter, IR-Cut, 6 pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.265
Resolution	2MP/ 3MP @ 20fps
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Protocols	TCP/IP,HTTP,TCP,UDP,DHCP,P2P etc
Socket	1* Micro SD Card Slot, Support Up to 64G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC5V / 2A
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 85

**PDB208/PDB301**



# PDB208/PDB301



Specifications	
Model	PDB208/PDB301
Main processor	Realtek3903/MSC325
Image sensor	1/3.2" CMOS SC2231/1/2.9" CMOS GC2053
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 80° , Vertical 50°
Night vision	Dual Filter, IR-Cut, 9pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.264/H.265
Resolution	2MP /3MP@ 20fps
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Protocols	TCP/IP,HTTP,TCP,UDP,DHCP,P2P etc
Socket	1* Micro SD Card Slot, Support Up to 64G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC5V / 2A
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 85

**PB208/PB301**



# PB208/PB301



## Specifications

Model	PB208/PB301
Main processor	Realtek3903/MSC325
Image sensor	1/3.2" CMOS SC2231/1/2.9" CMOS GC2053
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 80° , Vertical 50°
Night vision	Dual Filter, IR-Cut, 9pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.264/H.265
Resolution	2MP /3MP@ 20fps
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Protocols	TCP/IP,HTTP,TCP,UDP,DHCP,P2P etc
Socket	1* Micro SD Card Slot, Support Up to 64G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC5V / 2A
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 85



**PJ302**





# PJ302



## Specifications

<b>Model</b>	<b>PB302</b>
Main processor	QG2101B
Image sensor	1/2.9" CMOS F37
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 80° , Vertical 50°
Night vision	Dual Filter, IR-Cut, 9pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.265
Resolution	3MP@ 20fps
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Protocols	TCP/IP,HTTP,TCP,UDP,DHCP,P2P etc
Socket	1* Micro SD Card Slot, Support Up to 128G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC5V / 2A
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 85



# YI IOT Series

## OUTDOOR CAMERAS

**CA301**



# CA301



Specifications	
Model	CA301
Main processor	MSC325
Image sensor	1/2.9" CMOS GC2053
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 120° , Vertical 38°
Night vision	Dual Filter, IR-Cut, 18pcs IR Leds
Video compression	H.265
Resolution	3MP@ 20fps
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Protocols	TCP/IP,HTTP,TCP,UDP,DHCP,P2P etc
Socket	1* Micro SD Card Slot, Support Up to 64G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC12V / 1A
Power Consumption	< 7W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%



**CB301**





# CB301



Specifications	
Model	CB301
Main processor	MSC325
Image sensor	1/2.9" CMOS GC2053
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 120° , Vertical 38°
Night vision	Dual Filter, IR-Cut, 18pcs IR Leds
Video compression	H.265
Resolution	3MP@ 20fps
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Protocols	TCP/IP,HTTP,TCP,UDP,DHCP,P2P etc
Socket	1* Micro SD Card Slot, Support Up to 64G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC12V / 1A
Power Consumption	< 7W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%





# CloudEdge & Tuya Series Battery Wifi Camera

# DA201/DA201-T

## Wire-Free Security Camera



Battery powered



Long standby



PIR motion  
Detection



IP65 weatherproof



170° full viewing angle



# DA201/DA201-T



## Specifications

Model	DA201/DA201-T
Main processor	HI3518EV300
Image sensor	1/3" CMOS GC2063
Lens	2.8 mm 1080P HD lens
View Angle	Horizontal 120° , Vertical 50°
Night vision	Light sensitive diode, IR-Cut, 2pcs IR Leds
Battery	6500mAh rechargeable Li batteries
Video compression	H.264
Resolution	2MP
Working time	2 months(10 times wake up per day)
Standby consumption	250μA
PIR Detection	9m Max, 170°
Work consumption	300mA(IR LED off)
Standby time	4 months
Socket	1* Micro SD Card Slot, Support Up to 128G
WDR	DWDR
Alarm Mode	Motion detection
APP	CloudEdge & Tuya Option
IP rating	IP66
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 85

**DB201/DB201-T**





# DB201/DB201-T



## Specifications

Model	DB201/DB201-T
Main processor	HI3518EV300
Image sensor	1/3" CMOS GC2063
Lens	2.8 mm 1080P HD lens
View Angle	Horizontal 120° , Vertical 50°
Night vision	IR-Cut, 2pcs IR Leds
Battery	9500mAh rechargeable Li batteries
Video compression	H.264
Resolution	2MP
Working time	3 months(10 times wake up per day)
Standby consumption	250μA
PIR Detection	9m Max, 140°
Work consumption	300mA(IR LED off)
Standby time	10 months
Socket	1* Micro SD Card Slot, Support Up to 128G
WDR	DWDR
Alarm Mode	Motion detection
APP	CloudEdge & Tuya Option
IP rating	IP66
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 85

**DD201/DD201-T**



**New Generation**

HD 1080P 4DB wireless security camera

# DD201/DD201-T



## Specifications

Model	DD201/DD201-T
Main processor	HI3518EV300
Image sensor	1/3" CMOS GC2063
Lens	2.8 mm 1080P HD lens
View Angle	Horizontal 120° , Vertical 50°
Night vision	IR-Cut, 2pcs IR Leds
Battery	13400mAh rechargeable Li batteries
Video compression	H.264
Resolution	2MP
Working time	3 months(10 times wake up per day)
Standby consumption	250μA
PIR Detection	9m Max, 140°
Work consumption	300mA(IR LED off)
Standby time	10 months
Socket	1* Micro SD Card Slot, Support Up to 128G
WDR	DWDR
Alarm Mode	Motion detection
APP	CloudEdge & Tuya Option
IP rating	IP66
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 85



# CloudEdge & Tuya Series Indoor Camera



**PDB220/PDB220-T**



# PDB220/PDB220-T



## Specifications

Model	PDB220/PDB220-T
Main processor	AK3918EV300
Image sensor	1/2.9" CMOS F37
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 60° , Vertical 38°
Night vision	Dual Filter, IR-Cut, 9pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.264 Dual Stream
Resolution	2MP (Max 20fps)
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
APP	CloudEdge & Tuya Option
Protocols	Private Protocol
Socket	1* Micro SD Card Slot, Support Up to 128G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC5V / 2A
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%

# PG220/PG220-T





# PG220/PG220-T



## Specifications

<b>Model</b>	<b>PG220/PG220-T</b>
Main processor	AK3918EV300
Image sensor	1/2.9" CMOS F37
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 60° , Vertical 38°
Night vision	Dual Filter, IR-Cut, 9pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.264 Dual Stream
Resolution	2MP (Max 20fps)
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
APP	CloudEdge & Tuya Option
Protocols	Private Protocol
Socket	1* Micro SD Card Slot, Support Up to 128G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC5V / 2A
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%

**PB220/PB220-T**





# PB220/PB220-T



## Specifications

Model	PB220/PB220-T
Main processor	AK3918EV300
Image sensor	1/2.9" CMOS F37
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 60° , Vertical 38°
Night vision	Dual Filter, IR-Cut, 9pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.264 Dual Stream
Resolution	2MP (Max 20fps)
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
APP	CloudEdge & Tuya Option
Protocols	Private Protocol
Socket	1* Micro SD Card Slot, Support Up to 128G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC5V / 2A
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%



**PJ220/PJ220-T**





# PJ220/PJ220-T



## Specifications

<b>Model</b>	<b>PJ220/PJ220-T</b>
Main processor	AK3918EV300
Image sensor	1/2.9" CMOS F37
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 60° , Vertical 38°
Night vision	Dual Filter, IR-Cut, 9pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.264 Dual Stream
Resolution	2MP (Max 20fps)
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
APP	CloudEdge & Tuya Option
Protocols	Private Protocol
Socket	1* Micro SD Card Slot, Support Up to 128G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC5V / 2A
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%



# CloudEdge & Tuya Series Outdoor Camera

**CD201/CD201-T**



**New Generation**

HD 1080P 4DB wireless security camera



# CD201/CD201-T



Specifications	
Model	CD201/CD201-T
Main processor	HI3518EV300
Image sensor	1/3" CMOS GC2063
Lens	2.8 mm 1080P HD lens
View Angle	Horizontal 120° , Vertical 50°
Night vision	IR-Cut, 2pcs IR Leds
Audio compression	AAC/G.711, Two-way Intercom
Video compression	H.264
Resolution	2MP
Alarm Notification	APP Message
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Protocols	TCP/IP,HTTP,TCP,UDP,DHCP,P2P etc
Power Supply	12V/1A
Socket	1* Micro SD Card Slot, Support Up to 128G
WDR	DWDR
Alarm Mode	Motion detection
APP	CloudEdge & Tuya Option
IP rating	IP66
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 85



**CD201P/CD201P-T**





# CD201P/CD201P-T



## Specifications

Model	CD201P/CD201P-T
Main processor	HI3518EV300
Image sensor	1/3" CMOS GC2063
Lens	2.8 mm 1080P HD lens
View Angle	Horizontal 120° , Vertical 50°
Night vision	IR-Cut, 2pcs IR Leds
Audio compression	AAC/G.711, Two-way Intercom
Video compression	H.264
Resolution	2MP
PTZ	YES
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
Protocols	TCP/IP,HTTP,TCP,UDP,DHCP,P2P etc
Power Supply	12V/1A
Socket	1* Micro SD Card Slot, Support Up to 128G
WDR	DWDR
Alarm Mode	Motion detection
APP	CloudEdge & Tuya Option
IP rating	IP66
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 85



# Yoosee Series Indoor Camera

**PJ202**





# PJ202



## Specifications

Model	PJ202
Main processor	AK3918EV300
Image sensor	1/2.9" CMOS F37
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 60° , Vertical 38°
Night vision	Dual Filter, IR-Cut, 9pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.265 Dual Stream
Resolution	2MP (Max 20fps)
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
APP	Yoosee
Protocols	Private Protocol
Socket	1* Micro SD Card Slot, Support Up to 128G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Power Supply	DC5V / 2A
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%



# Yoosee Series Outdoor PTZ Camera

**QA201H/QAB202**



## **AVstart HD WiFi CAMERA**

1920\*1080 | Two-way Audio | 24GHz Network  
24/7 Live View | Motion Detection | Infrared Night Vision  
FTP Storage | Micro SD Card Storage up to 128G  
Looping Record | IP66 Waterproof

# QA201H/QAB202



Specifications	
Model	QA201H/QAB202
Main processor	Realtek3903/AK3918EV300
Image sensor	1/2.8" CMOS Starlight SC2239/1/2.9" CMOS F37
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 60° , Vertical 38°
Night vision	12pcs IR Leds/8pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Video compression	H.264 Dual Stream
Resolution	2MP (Max 20fps)
Audio compression	AAC/G.711, Two-way Intercom
Network interface	1*RJ45 10M/100M Adaptive Ethernet port
Wi Fi & Frequency	IEEE802.11 a/b/g/n; Frequency: 2.4~ 2.4835GHz
Wireless LAN security	64/128-bit WEP/WPA-PSK /WPA2-PSK data encryption
APP	Input: built-in microphone; output: built-in speaker
Protocols	Private Protocol
Socket	1* Micro SD Card Slot, Support Up to 128G
Alarm Notification	APP Message
Alarm Mode	Motion detection
Material	Plastic
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%





# Baby monitor Series



# BABY MONITOR BEST BABY CARE



  
Lullabies

  
Night Vision

  
Feeding  
Reminder

  
Wireless  
Connection

  
Temperature  
Alarm

  
PTZ Camera

  
Two -Way Audio

  
Sound  
Detection



# BM101



Specifications	
Model	BM101
Compression	H.265
Screen size	5" inch HD LCD
Lens	3.6mm 1080P HD lens
View Angle	Horizontal 60° , Vertical 38°
Night vision	9pcs IR Leds
Pan / Tilt	Pan: 355° , Tilt: 90°
Wireless Technology:	2.4 GHz FHSS
Resolution	1MP
Baby unit rechargeable battery	rechargeable
Lullabies	play 5 lullabies
Possibility of additional cameras	max can add 4 camera
Battery autonomy	4 hours
Reach distance Range (up to)	300m
Socket	1* Micro SD Card Slot, Support Up to 128G
Material	Plastic
Power Consumption	< 5W
Working Condition	Temperature:-10°C~+50°C, Humidity 10%~ 95%

The logo for AVstart features the letters 'AV' in a bold, red, sans-serif font. A white swoosh underline is positioned beneath the 'A' and 'V'. To the right of 'AV', the word 'start' is written in a bold, black, italicized sans-serif font.

**AVstart**

High technology make beautiful life