

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





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

Model	PG220/PG220-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%

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
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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

Model	PJ220/PJ220-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%



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

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