

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





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

Model	PH207/PH301
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

Model	PB302
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%

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