

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





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

Model	PG205/PG401
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

Model	PG205D
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

Model	PA205/PA401
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



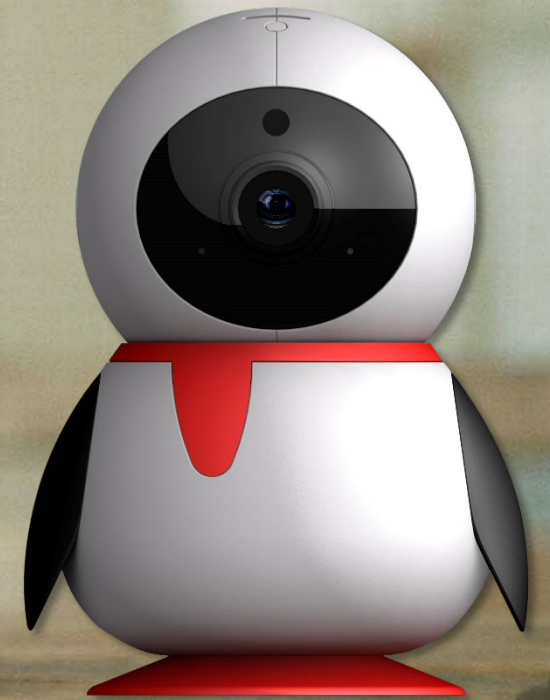
PB205/PB401



Specifications

Model	PB205/PB401
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

Model	CAB205/CA401
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

Model	CB205/CB401
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%

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