Model:		
AP-B313-**WD-TG81B**	8MP Camera (No TF Card) X 1 * DC 5V 1A power adapter X1 * power cord X1 * Instructions X1 * Screw bag X1	

Specification parameter		
system	Main Processor	FH8856V310
	image sensor	High performance CMOS image sensor
	APP	TUYA
Video	Effective video pixels	8MP
	resolution ratio	Main stream: 3840×2160; Sub stream: 640 × 360
	Lens	3.6mm
	Image encoding format	H.265
	Rotation angle	Horizontal: 355 °; Vertical: 90 °
	Light control mode	Starlight Full Color/Infrared Night Vision/Dual Light Alert
	Humanoid tracking	support
	Screen flipping	support
	Privacy mode	support
	Buzzer linkage	support
	Sound detection	support
Audio	Coding standard	G.711A
	Two-way voice	support
	Mitou	support
	loudspeaker	support
Record management	Record Mode	Manual recording, dynamic detection recording, alarm recording
	Video storage	TF Card/Cloud
	storage	Cloud storage+TF local recording (maximum support of 128GB)
	Remote playback	support
	Image capture	support
Network	WIFI	2.4G
	Connect APP	Bluetooth connection, pairing connection
	ONVIF	support
extension	Reset key	support
	lamp panel	2 pcs
	Power	DC5V
work environment	Suitable place	Places such as homes, shops, supermarkets, factories, etc;
	Installation mode	Wall hanging
	Working Temperature	-20℃－＋55℃
	Working humidity	10%－90%

Model:	3MP Camera (No TF Card) X 1 * DC 5V 1A power adapter X1 * 1 m power cord X1 * Bracket X 1 * Instructions X1 * Screw bag X1	

AP-B313-W-TG31B

Specification parameter		
system	Main Processor	FH8626V200
	image sensor	High performance CMOS image sensor
	APP	TUYA
Video	Effective video pixels	3MP
	resolution ratio	Main stream: 2304 × 1296; Sub stream: 640 × 360
	Lens	3.6mm
	Image encoding	H.265
	Rotation angle	Horizontal: 355 °; Vertical: 90 °
	Light control mode	Starlight full color/intelligent warning/infrared night vision
	Humanoid tracking	support
	Screen flipping	support
	Privacy mode	support
	Buzzer linkage	support
	Sound detection	support
Audio	Coding standard	G.711A
	Two-way voice	support
	Mitou	support
	loudspeaker	support
Record management	Record Mode	Manual recording, dynamic detection recording, alarm recording
	Video storage	TF Card/Cloud
	storage	Cloud storage+TF local recording (maximum support of 128GB)
	Remote playback	support
	Image capture	support
Network	WIFI	2.4G
	Connect APP	Bluetooth connection, pairing connection
	ONVIF	support
extension	Reset key	support
	lamp panel	2LED
	Power	DC5V
work environment	Suitable place	Places such as homes, shops, supermarkets, factories, etc;
	Installation mode	Wall hanging, lifting, and laying flat
	Working Temperature	-20℃－＋55℃
	Working humidity	10%－90%

Model:	* 3MP Camera (No TF Card) X 1
AP-B313-W-TG32B	* DC 5V Power adaptor x 1 * USB cable X1 * Instructions X1 * Screw bag X1

	Specification parameter	
System characteristics	Main Processor	FH8616+1084/ 2.4G+bluetooth connection
	System security	TUYA intelligent cloud platform, financial level security system
	Supports IOS and Android operating systems	Multi-language, multi-category, universal, do not need to worry about mobile phone adaptation, support OEM and ODM customization
	Local storage	Support 8-128GB MicroSD card, 24 hours video recording.
	Remote online upgrade	Easily realize remote OTA online upgrade through TUYA cloud, and experience the latest version in the first time
	Value-added service	Support TUYA cloud storage function, optionally open Amazon Echo/ Google Chromecast service
	Operation System	Embedded LINUX OS system
Video	High Definition	3MP (2048X1536)
	Video Compression	Smart H.264 main profile5.0
	Illumination	0.02Lux@(2.0AGC ON).OLUX with IR
	Frame frequency	Main stream (HD) : 2048×1536@15fps Substream (SD) : 640*480@10fps
	picture Capture	Support
	Led Board	2 DUAL LEDS
	Len	3.6mm
Audio	Coding standard	G.711
	Two-way talking	Support
Basic function	Mirror/flip	support
	Noise reduction/dynamic range	3D Noise reduction /72DB
	Motion tracking	support
	Voice intercom	Support two-way voice intercom, echo elimination
	Audio input	1-way MIC
	Audio output	1 way Speaker (8 ohm 1W/2W/4W)
	Night vision mode	IR-CUT Switches automatically
	WIFI connection	2.4G,
	Wired connection	optional
	Adding mode	Support QR code scanning, Wifi mode
	Network protocol	DHCP
	Motion detection	support
	Restore default	support
	Local storage	TF card is supported to store continuous video/event video, the maximum support is 128G TF card
Value-added service	Doodle cloud storage	Supports continuous video recording or event recording
	Amazon Alexa	Support (optional)
	Google assistant	Support (optional)
other	Power supply specification	DC 5V 1A
	PCB size	Mainboard (50)mm
work environment	Suitable place	Home,shop,School,factory
	Working Temperature	-10℃－60℃
	Working humidity	10% ~ 95% non-condensing

Model:	**AP**-B313-**W**-**TG41B**		* 4MP Camera (No TF Card) X 1 * DC 5V 1A power adapter X1 * power cord X1 * Instructions X1 * Screw bag X1

1. 2K 4mp 8852V201+3003 1/3 inch sensor
2. 2.4G+Bluetooth Connection, Onvif
3.Smart AI function: AI-human shape alarming, No False alarm.
4.Pet detection: Detect cat and dog, record and notice information

Specification parameter		
system	Main Processor	FH8852V201
	image sensor	High performance CMOS image sensor
	APP	TUYA
Video	Effective video pixels	4MP
	resolution ratio	Main stream:2688×1520; Sub stream: 640 × 360
	Lens	3.6mm
	Image encoding format	H.265
	Rotation angle	Horizontal: 355 °; Vertical: 90 °
	Light control mode	Starlight Full Color/Infrared Night Vision/Dual Light Alert
	Humanoid tracking	support
	Screen flipping	support
	Privacy mode	support
	Buzzer linkage	support
	Sound detection	support
Audio	Coding standard	G.711A
	Two-way voice	support
	Mitou	support
	loudspeaker	support
Record management	Record Mode	Manual recording, dynamic detection recording, alarm recording
	Video storage	TF Card/Cloud
	storage	Cloud storage+TF local recording (maximum support of 128GB)
	Remote playback	support
	Image capture	support
Network	WIFI	2.4G
	Connect APP	Bluetooth connection, pairing connection
	ONVIF	support
extension	Reset key	support
	lamp panel	Infrared light: 4pcs, white light: 4pcs
	Power	DC5V
work environment	Suitable place	Places such as homes, shops, supermarkets, factories, etc;
	Installation mode	Wall mount/Ceiling mount/ Flat
	Working Temperature	-20℃－＋55℃
	Working humidity	10%－90%

Model: AP-B313-W-TG51B	* 5MP Camera (No TF Card) X 1 * DC 5V power adapter X1 * 1 m power cord X1 * Round Bracket X 1 * Instructions X1 * Screw bag X1	

Specification parameter		
System characteristics	Chipset	FH8636+MIS4001 2.4G +Bluetooth connection+AI-human shape detection
	image sensor	High performance CMOS image sensor
	APP	TUYA
Video	High Definition	5MP (2880×1620)
	Video Compression	Smart H.265
	Rotation angle	Horizontal:355°；vertical: 90°
	Object tracking	Support
	Illumination	0.02Lux@(2.0AGC ON).OLUX with IR
	Frame frequency	Main stream (HD) : 2880×1620 Substream (SD) : 640*360
	picture Capture	Support
	Led Board	6 IR LEDS
	Len	3.6mm
Audio	Coding standard	G.711
	Two-way talking	Support
Basic function	Mirror/flip	support
	Noise reduction/dynamic	3D Noise reduction /72DB
	Motion tracking	support
	Voice intercom	Support two-way voice intercom, echo elimination
	Audio input	1-way MIC
	Audio output	1 way Speaker (8 Ω 1W/2W/4W)
	Night vision mode	IR-CUT Switches automatically
	WIFI connection	2.4G,
	Wired connection	optional
	Adding mode	Support QR code scanning, Wifi mode.
	Network protocol	DHCP, ONVIF
	Motion detection	support
	Restore default	support
	Local storage	TF card is supported to store continuous video/event video, the maximum support is 128G TF card
Value-added service	Tuya cloud storage	Supports continuous video recording or event recording
	Amazon Alexa	Support (optional)
	Google assistant	Support (optional)
other	Power supply specification	5V 1A
	PCB size	Mainboard (L38*W52.5*H1.6)mm
work environment	Suitable place	Home,shop,School,factory
	Working Temperature	-10℃－60℃
	Working humidity	10% ~ 95% non-condensing

Model:	* 6MP Camera (No TF Card) X 1	
AP-B313-W-TG61B	* DC 5V 1A power adapter X1 * 1 m power cord X1 * Bracket X 1 * Instructions X1 * Screw bag X1	

Specification parameter		
System characteristics	Main Processor	6MP FH8856V310+4653 2.4G+Bluetooth connection+AI-human shape alarming
	Image sensor	1/2.9 3.0M Pixel Progressive Scan CMOS
	System security	TUYA intelligent cloud platform, financial level security system
	Supports IOS and Android operating systems	Multi-language, multi-category, universal, do not need to worry about mobile phone adaptation, support OEM and ODM customization
	Local storage	Support 8-128GB MicroSD card, 24 hours video recording.
	Remote online upgrade	Easily realize remote OTA online upgrade through TUYA cloud, and experience the latest version in the first time
	Value-added service	Support TUYA cloud storage function, optionally open Amazon Echo/ Google Chromecast service
	Operation System	Embedded LINUX OS system
Video	High Definition	6MP 3200*1800@25FPS
	Video Compression	Smart H.265/H.264
	Illumination	0.02Lux@(2.0AGC ON).0LUX with IR
	Frame frequency	Main stream (HD) :3200*1800@25fps Substream (SD) : 640*360@10 fps
	picture Capture	Support
	Led Board	2 Dual LEDS
	Len	3.6mm
Audio	Coding standard	G.711
	Two-way talking	Support
Basic function	Mirror/flip	support
	Noise reduction/dynamic range	3D Noise reduction /72DB
	Motion tracking	support
	Voice intercom	Support two-way voice intercom, echo elimination
	Audio input	1-way MIC
	anti-flicker	Supports outdoor, 50 Hz, and 60Hz
	Indicator light	Network port indicator
	Audio output	1 way Speaker (8 Ohms 1W/2W/4W)
	Night vision mode	IR-CUT Switches automatically
	WIFI connection	2.4G
	Wired connection	Support
	Adding mode	Support QR code scanning, Wifi mode. Wired connection
	Network protocol	DHCP
	Motion detection	support
	Restore default	support