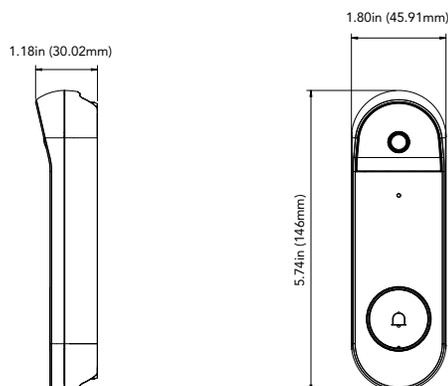# AVC-WDB51F21 AI

CE | FC

5MP H.265 Wi-Fi SMART VIDEO DOORBELL

OVERVIEW

- Human, Loitering & Package Detection
- 2-Way Talk, Event-Activated White Light & Siren
- Full Head to Toe View (9:16) with unique outward leaning design
- Flexible Storage Options, recording to an NVR or MicroSD card (up to 512GB)
- Includes Wireless Chime and Chime Kit
- Compatible with standard PoE power 802.3af
- Supports remote monitoring by AVYCON DIVERSITY ONE (Mobile App) and AVYCON CMSONE (CMS)
- NVR must be updated to proper firmware if connecting via Diversity PoE NVR's (please contact our technical support department for details).

DIMENSIONS

Unit : inch(mm)

1.18in (30.02mm)

1.80in (45.91mm)

5.74in (146mm)

INCLUDED ACCESSORIES

| WIRELESS CHIME | CHIME KIT | FLAT MOUNTING PLATE | TILT MOUNTING PLATE | WEDGE MOUNTING PLATE |

AVYCON   www.avycon.com

SPECIFICATIONS

CAMERA	
Image Sensor	1/2.7" Progressive Scan CMOS
Image Size	1944 × 2592
Electronic Shutter	1/5s ~ 1/20,000s
Iris Type	Fixed Iris
Min. Illumination	0 lux
Lens	2.1mm @ F2.0
Lens Mount	M8; Vertical: 132°, Horizontal: 96°, Diagonal: 163°
	FOV Vertical: 132°, Horizontal: 96°, Diagonal: 163°
WDR	Yes
BLC	Yes
HLC	Yes
IMAGE	
Video Compression	H.265/H.264/MJPEG
Compression Standard	H.264: Baseline Profile/Main Profile/High Profile
	H.265: Main Profile
Bitrate Type	VBR / CBR
Bitrate Range	256Kbps ~ 6Mbps
Resolution	1944 x 2592, 1800 x 2400, 960 x 1280
Main Stream	50/60Hz: 20fps @ 1944 x 2592, 1800 x 2400 (Default),
Sub Stream	50/60Hz: 20fps @ 960 x 1280
Image Setting	Saturation, Hue, Brightness, Contrast, Sharpness, 3DNR
Audio Compression	G711A/U
INTERFACES	
Network	RJ45 10Mbps / 100Mbps
Audio	Built-in MIC×1, Built-in SPK×1
Reset Button	Yes
Storage	1 x microSD card slot, up to 512GB
WiFi	Supports 2.4GHz / 5GHz WiFi
Doorbell Button	Yes
Indicator	Yes
FUNCTIONS	
Remote Monitoring	Web client / Mobile App
Online Connection	Supports simultaneous monitoring for up to 5 users
	Supports multi-stream real time transmission
Network Protocol	UDP, IPv4, DHCP, NTP, RTSP, DDNS, SMTP, UPnP, HTTPS, HTTP
Interface Protocol	ONVIF
Smart Analytics	Human Detection, Package Detection, Loitering Detection
General Function	Video Mask, Motion Detection
White Light Distance	3.2ft (1m)
IR Light Distance	9.8ft (3m)
Alarm Events	Email notification alerts
	Warning Light
	Warning Audio Alarm
	Record events to inserted memory card
Ingress Protection	IP65
OTHER	
Power	DC 12 ~ 24V, AC 16 ~ 24V
PoE	Supports 802.3af
Power Consumption	Maximum 9.84W
Working Environment	-13°F~131°F (-25°C~55°C), Humidity: less than 90% (non-condensing)
Dimensions	5.74 x 1.80 x 1.18in (146 x 45.91 x 30.02mm)
Weight	0.25lbs (115.3g)
WIRELESS CHIME	
Input	100–240 VAC, 50–60 Hz
Transmission Mode	RF 433 MHz
Buttons	Setup / Ringtone Select / Volume Adjust