

pöllö   
*Prime Series*



**Video Intercom Door Station**

**PLC-VD2200/PM**

[www.pollo.net.au](http://www.pollo.net.au)

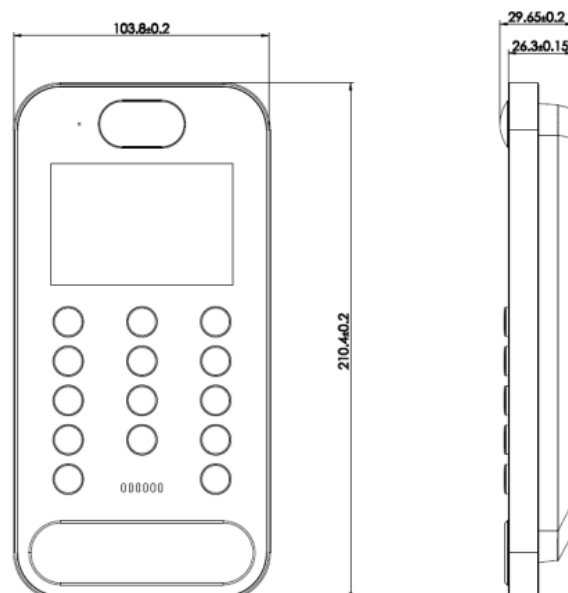
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## Key Features:

- ❖ 3.5-inch IPS screen
- ❖ 2MP (1920×1080) real-time H.265 coding
- ❖ Face recognition distance: 0.3m-2m
- ❖ Support face detection technology distinguishing real faces from non-real face spoof attacks
- ❖ Support 3D DNR, HWDR, BLC, HLC, Defog, etc.
- ❖ Support multiple doors opening modes (by swiping card, by password, by face recognition, etc.)
- ❖ Support door opening by indoor station or by mobile APP
- ❖ Support copy-prevention for IC card; support IC card encryption
- ❖ Support anti-tampering alarm; support triggering alarms when the door is not secured or the door is broken by others
- ❖ One-button calling indoor station
- ❖ Support card reader access via RS485 interface
- ❖ Support 2.4G Wi-Fi; Support P2P function
- ❖ Support remote surveillance via mobile APP, web browser or tablet PC
- ❖ Intelligent analytics: video exception detection, face detection, face capture, face comparison
- ❖ IP67

## Dimensions:



## Specifications:

<b>Model</b>	<b>PLC-VD2200/PM</b>
<b>Image Sensor</b>	1/2.8" Progressive Scan CMOS
<b>Image Size</b>	1920×1080
<b>Electronic Shutter</b>	Auto/Manual; Manual:1/2s ~ 1/100000s
<b>IRIS Type</b>	Fixed IRIS
<b>MIN. Illumination</b>	Color: 0.0085lux@F1.2, AGC ON; B&W: 0 lux with IR
<b>Lens</b>	M8 HD dual lens: 2.3mm@F2.2 Vertical FOV: approx. 74°, Horizontal FOV: approx. 139°, Diagonal FOV: approx. 170°
<b>WDR</b>	120dB
<b>S/N Ratio</b>	≥ 50dB
<b>BLC</b>	Yes
<b>HLC</b>	Yes
<b>Defog</b>	Yes
<b>DNR</b>	2D/3D NR
<b>Video Compression</b>	Main stream: H.265+/H.265/H.264+/H.264 Sub/third stream: H.265+/H.265/H.264+/H.264/MJPEG
<b>Compression Standard</b>	Baseline Profile/Main Profile/High Profile
<b>Bit rate Type</b>	VBR/CBR
<b>Bit Rate</b>	64Kbps ~ 6Mbps
<b>Resolution</b>	1080P (1920×1080), 720P (1280×720), D1, CIF, 480×240
<b>Main Stream</b>	1920×1080/1280×720(60Hz: 1~30fps; 50Hz: 1~25fps)
<b>Sub Stream</b>	720P/D1/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
<b>Third Stream</b>	D1/CIF/480×240(60Hz: 1~30fps; 50Hz: 1~25fps)
<b>Image Setting</b>	Saturation, hue, brightness, contrast, wide dynamic range, sharpness, NR, etc., adjustable through client or web browser
<b>Audio Compression</b>	G711A/U
<b>3.5 Inch ISP Screen</b>	Resolution: 320 (RGB) ×480
<b>Brightness</b>	250cd/m2
<b>Auto sleeping</b>	Support auto wakeup when detecting a person or wakeup by pressing a button
<b>Card Type</b>	Mifare card /Desfire card/FM1208 Card/Gicard
<b>Card Reading Protocol</b>	ISO14443A/B protocol, EM41XX
<b>Card Reading Frequency</b>	13.56MHz & 125KHz
<b>Card Reading Duration</b>	<1s
<b>Card Reading Distance</b>	0~2cm
<b>Card Capacity</b>	10000
<b>Network</b>	RJ45(10/100 Base-T)
<b>Audio</b>	Built-in MIC×1, built-in speaker×1; support noise suppression and echo cancellation
<b>Storage</b>	1CH built-in micro-SD card, up to 256GB
<b>Reset</b>	Yes
<b>RS485</b>	Yes (for card reader or access control system access)
<b>Wiegand Interface</b>	Yes (Wiegand input or output configurable)
<b>Alarm</b>	2CH alarm input; 1CH alarm output
<b>Door Lock Output</b>	2CH

<b>Door Contact Input</b>	2CH
<b>Exit Button</b>	2CH
<b>Anti-Tamper Interface</b>	1CH
<b>Swiping Card Area</b>	Support IC card/EM card
<b>Digital Buttons</b>	Yes
<b>Wi-Fi</b>	Support 2.4G Wi-Fi function
<b>Personal Properties</b>	Face picture, ID number, list type(group), name, gender, age, phone number, card ID, password, door opening mode, note
<b>Door Opening Modes</b>	By face recognition/swiping card/password/indoor station/APP
<b>Schedule</b>	Yes
<b>Mask Detection</b>	Yes
<b>Duress Function</b>	Yes
<b>Secondary Door Station</b>	Yes
<b>Capacity</b>	50000 event items can be recorded
<b>Remote Monitoring</b>	Web client/indoor station/CMS remote control
<b>Online Connection</b>	Supports simultaneous monitoring for up to 10 users Supports multi-stream real time transmission
<b>Network Protocol</b>	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, UPnP, HTTPS
<b>Interface Protocol</b>	ONVIF
<b>Storage</b>	Network remote storage, SD card storage cloud storage
<b>Intelligent Analytics</b>	SD card error, SD card full, IP address conflict, network disconnection
<b>General Function</b>	Watermark, IP address filtering, video mask, heartbeat, illegal login
<b>PoE</b>	Yes (802.3af)
<b>P2P</b>	Yes, turn on by default
<b>IR Distance</b>	0.3-2m
<b>Protection Grade</b>	IP67, IK04
<b>Network Security</b>	Video encryption, firmware encryption, configuration encryption, Digest, illegal login lock, IP address filtering, HTTPS, 802.1x
<b>Intelligent Analytics</b>	Face detection, face capture, face comparison
<b>Face Detection</b>	Pupil distance of a facial image over 20 pixels can be detected
<b>Face Capture</b>	Outputting the optimal face image by precise detecting, tracing, capturing, scoring and screening the moving faces
<b>Original Image Capturing</b>	Supports original image capturing and self-defined overlaid information (like device ID, time, etc.)
<b>Face Picture Database</b>	10000
<b>Face Comparison Storage</b>	Face pictures can be added, modified or deleted in the face database.
<b>Face Picture Adding</b>	Adding face pictures through WEB, face album manager tool
<b>External Face Picture</b>	Size: less than 70KB, JPG/JPEG format
<b>Face Comparison Alarm</b>	Face detection alarm, allow list, block list and stranger alarm
<b>Power</b>	DC12V/PoE
<b>Power Consumption</b>	< 12W
<b>Environmental Protection</b>	RoHS 2.0, REACH, WEEE, directive94/62/EC
<b>Working Environment</b>	-20°C~60°C, Humidity: less than 95% (non-condensing)
<b>Dimensions(mm)</b>	Approx. 210mm × 104mm ×30mm
<b>Weight (net)</b>	Approx. 0.6 kg
<b>Installation</b>	Wall Mounting