

PD920

3MP Bubbleless Network PTZ Dome Camera

Quick Start Guide



Find additional manuals, the datasheet, the EU Declaration of Conformity, and the latest firmware for this product at:

<https://tkhsecurity.com/>



Unpack



PD920 Camera Unit

- M4 security screw with rubber
- 3-pin power terminal block (AC24V use)
- PoE adapter
- SFP adapter
- 14-pin Alarm/Audio I/O terminal block
- Quick Start Guide
- 1.5" threaded tube adapter

Note 1: Subject to modification. Actual product and accessories may differ in appearance.

Installation Notices



CAUTION: INSTALLATION SHALL BE PERFORMED BY QUALIFIED PERSONNEL ONLY. INSTALLATION SHALL BE IN ACCORDANCE WITH LOCAL PROCEDURES. THE CAMERA CONTAINS REPLACEABLE BATTERIES. MAKE SURE YOU REPLACE THEM WITH THE RIGHT TYPE OF BATTERIES IN VIEW OF THE RISK OF EXPLOSION. DISPOSE OF USED BATTERIES IN ACCORDANCE WITH LOCAL REGULATIONS. IF YOU USE AN EXTERNAL POWER SUPPLY, CONTACT SIQURA TO MAKE SURE THAT THE POWER SUPPLY HAS THE PROPER POWER SPECIFICATIONS. MAKE SURE THAT THE POWER SUPPLY COMPLIES WITH LPS REQUIREMENTS. WHEN INSTALLING THE CAMERA, HOOK UP THE CAMERA WITH THE ANTI-DROP CHAIN OF THE PENDANT TO THE ANTI-DROP RING (SEE FIGURE 1). FOR MORE INFORMATION, CONTACT SIQURA.

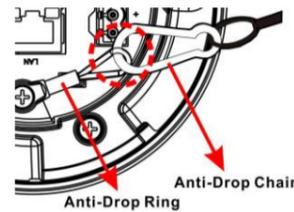


Figure 1 Position anti-drop ring and anti-drop chain

Connectors

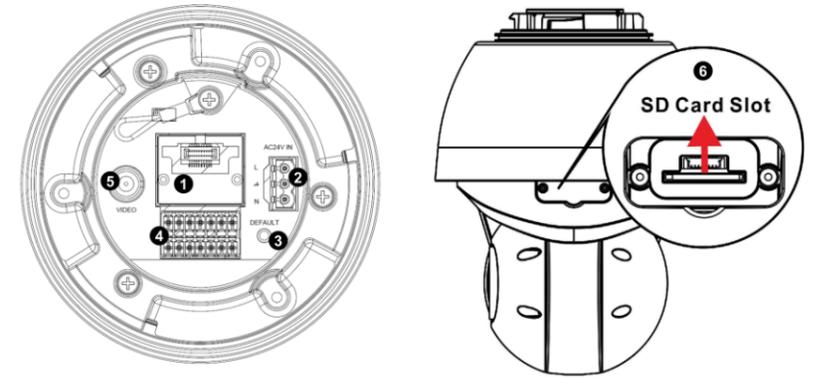


Figure 2 Camera Connectors

For the connector definitions, see table 1.



NOTE: IT IS NOT RECOMMENDED TO CONTINUOUSLY (24/7) RECORD WITH THE MICRO SD CARD, AS THE CAMERA MAY NOT SUPPORT LONG-TERM CONTINUOUS DATA READ/WRITE. CONTACT THE MANUFACTURER OF THE MICRO SD CARD FOR INFORMATION REGARDING THE RELIABILITY AND THE LIFE EXPECTANCY.

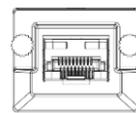
Connector Definition

No.	Connector	Definition
1	RJ-45 & SFP	Use the adapter of RJ-45 or SFP based on the application.
2	Power (AC24V)	AC24V power connection
3	Reset Button	Press the button with a proper tool for at least 20 seconds to restore the system.
4	Audio/Alarm I/O & RS-485	Audio/Alarm I/O & RS-485 connection
5	BNC	For analog video output
6	SD Card Slot	Insert the SD card into the card slot to store videos and snapshots. Do not remove the SD card when the camera is powered on.

Table 1 Connector Definition

Camera Cabling (1)

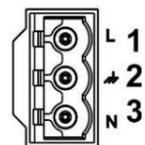
SFP Network Connection



Connect the SFP adapter to camera. Plug in the required optical cable to the SFP cage of SFP adapter as well as the network switch. The AC24V is required to power up the camera.

Note 2: To utilize with Analogue-to-IP solution from Siqura, please contact Siqura for additional grey SFP adapter.

Power Connector (AC 24V)



Pin	Definition
1	AC24V L
2	GND
3	AC24V N

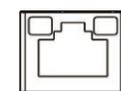
Table 3 Pin definition for AC24V power connection

Camera Cabling (2)

PoE Network Connection

Alternatively, users can use the PoE adapter and plug in the ethernet cable to PoE adapter as well as the network switch.

PoE and Ethernet cable connection



- The green link LED is lit when there is a good network connection.
- The orange network LED flashes to indicate that there is network activity.



NOTE: IN SOME CASES, AN ETHERNET CROSSOVER CABLE MAY BE NEEDED WHEN CONNECTING THE CAMERA DIRECTLY TO THE PC. CHECK THE STATUS OF THE LINK INDICATOR AND THE ACTIVITY INDICATOR LEDES. IF THE LEDES ARE UNLIT, CHECK THE LAN CONNECTION.

Audio/Alarm I/O and RS-485 connection

See the diagram and the pin definitions below for the Audio/Alarm I/O and RS-485 connection.

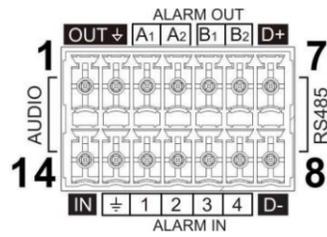
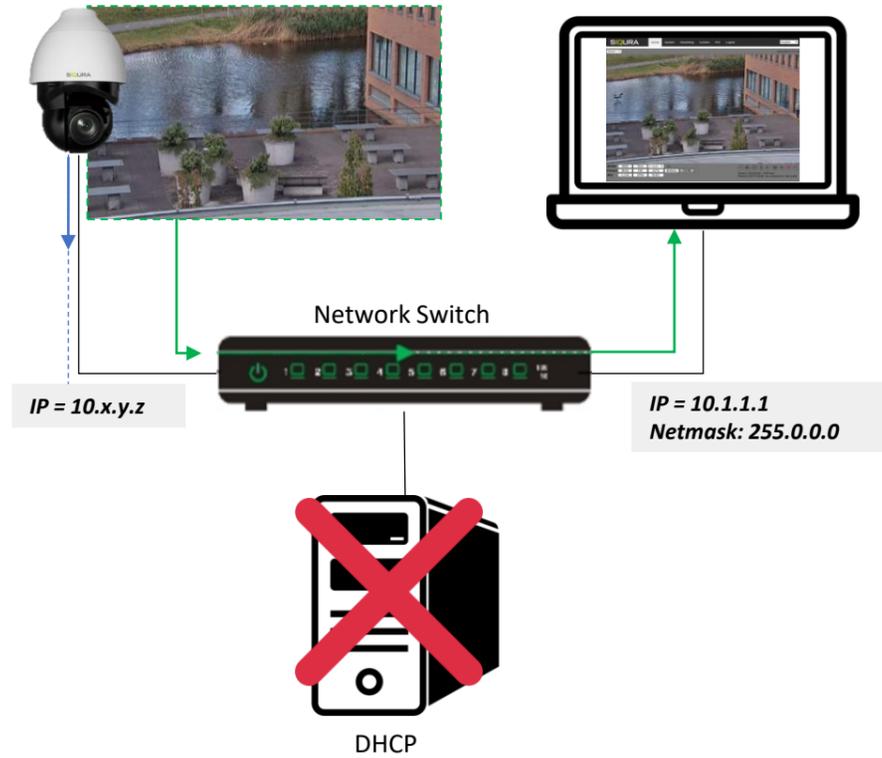


Figure 3 Diagram of Audio/Alarm I/O and RS-485 connection pins

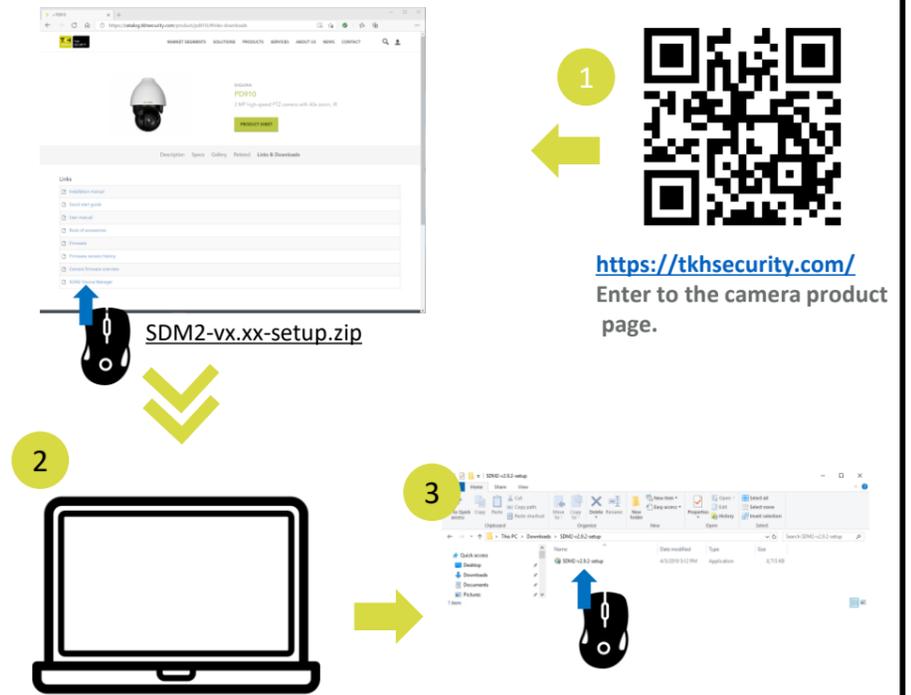
Pin	Definition	Pin	Definition
1	Audio Out	8	RS-485 D-
2	GND (Audio I/O)	9	Alarm In 4
3	Alarm Out A1	10	Alarm In 3
4	Alarm Out A2	11	Alarm In 2
5	Alarm Out B1	12	Alarm In 1
6	Alarm Out B2	13	GND (Alarm I/O and RS-485)
7	RS-485 D+	14	Audio In

Table 3 Pin definitions for Audio/Alarm I/O and RS-485 connection

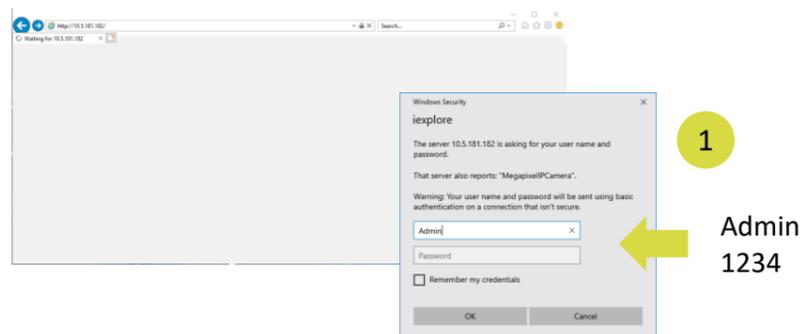
Accessing the camera



Auto detect with SDM2

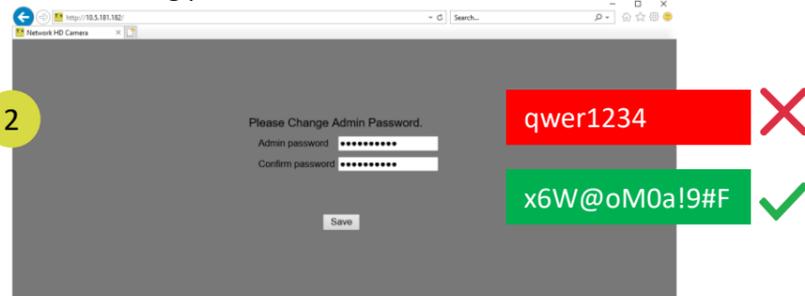


1st time camera login

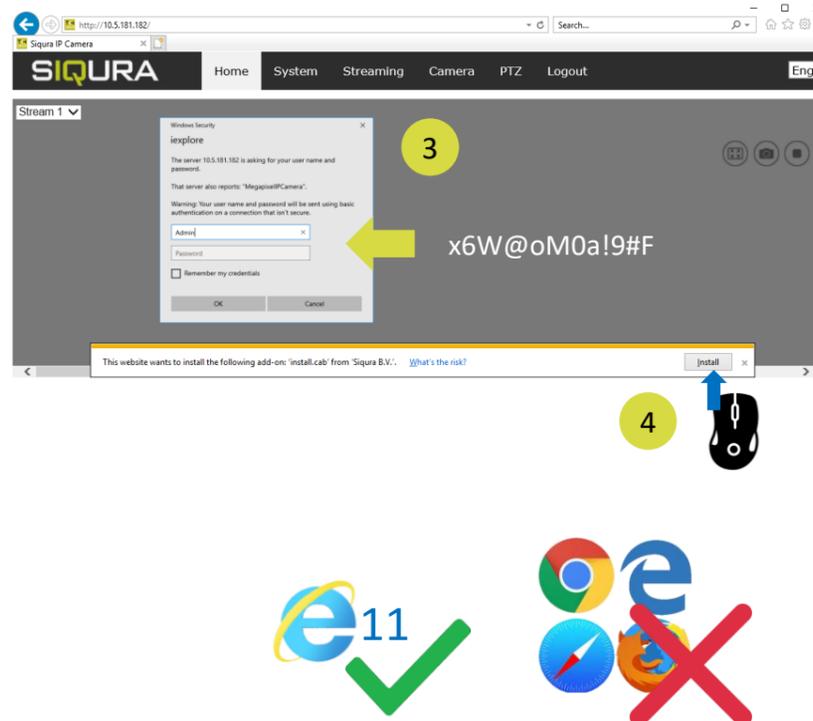


Admin
1234

Set a strong password



Install browser-based viewer



Browser-based Viewer

Figure 4 shows the main page of the IP camera user interface.

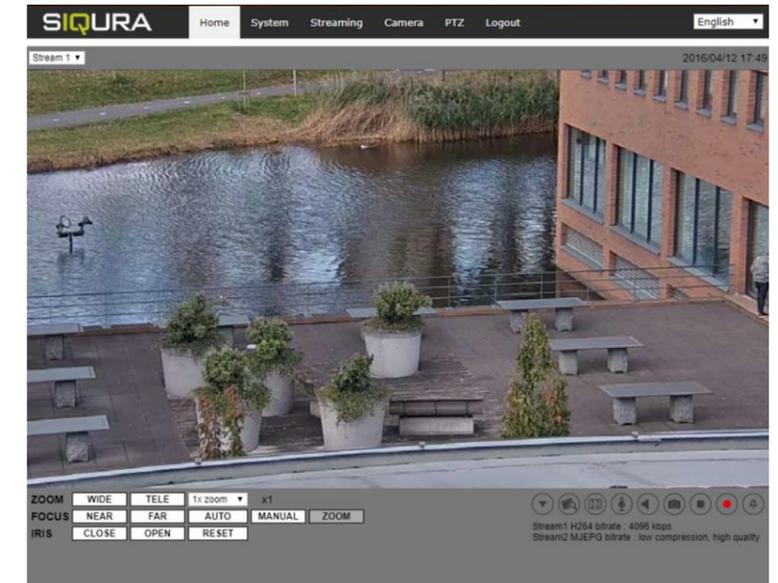


Figure 4 Main page IP camera user interface

Note 1: If the IE web interface is not showing video, you might need to open your firewall or set the OCX protocol to RTP-over-RTSP(TCP).