

Pcounter Network (241 & AKE) & USB Reader Guide

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A.N.D. Technologies 4104 24th Street #627 San Francisco, CA 94114 USA

E-Mail: <u>support@pcounter.com</u> Web: <u>http://www.pcounter.com</u> Phone: (415) 701-9222 Fax: (415) 651-9000

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0.0 - Introduction

AND Technologies uses and recommends RF IDeas brand card readers.

Some MFP models do not support USB attached card readers. When the MFP/printer does not support USB attached readers, a network attached reader must be used.

A network attached reader is actually two devices, an Ethernet adaptor and a card reader that attaches to the Ethernet adaptor. The function of these devices is to deliver the user's card swipe to the Pcounter server over the network, when the MFP itself does not support USB readers.

There is also a section in this guide that discusses advanced configuration of the RF IDeas 80581 USB reader.

0.1 - Prerequisites

There are two types of ethernet adaptors that Pcounter supports, 241 and AKE.

241 Network Readers have an ethernet switch built in and can share a single network port with the printer.

AKE Network Readers require their own network port to plug into, in addition to the network port for the printer.

Both adaptor types require a power plug.

1.0 - 241 Configuration

The reader configuration process can be summarized with the following steps:

- 1) Locate reader IP
- 2) Configure Reader's web UI
- 3) Associate reader with a device in Pcounter





1.1 - Locate 241's IP

Network readers require their own, unique IP address.

When the network reader is first attached to the network, in a segment that has DHCP, it will receive an address from DHCP automatically. The address the device receives can be located by either using the PScan utility to search an IP range, or by having the site's DHCP administrator use the MAC address printed on the device's sticker to locate the device's IP in DHCP.

1.1.1 - Scan for reader using PScan

- Attach the network reader directly to the network via Ethernet in a location where it will receive an IP address from DHCP.
 Note, the lights on the network reader's ethernet port should light green to show a good connection to the network.
- 2) Download PScan <u>here</u> and extract to a workstation or server on the same network as the reader.
- **3)** Open a command prompt and use a cd command to change directory to wherever PScan.exe is located.
- 4) Run the search command: pscan findreaders ip.ip.ip
 ip.ip.ip = first three octets of the network segment to be scanned
 IE:
 pscan findreaders 192.168.2

```
C:\>pscan findreaders 192.168.2
```

- 5) Execute the command. All nodes in the network range defined by the command will be scanned one by one until the network reader is located. Each period shown in the command output represents one node that has been scanned.
- 6) When a reader is found, the command will display the reader's IP and model. IE:

Administrator: Command Prompt - pscan findreaders 192.168.2
C:\>nscan findreaders 192.168.2
Searching
Searchilling
Found 192.168.2.22 LKFIdeas serial/ethernetJ
Searching
Found 192 168 2 24 [RFIdeas 241]
searching

This picture shows a 241 found at 192.168.2.22 and an AKE found at 192.168.2.24

1.1.2 - Escalate to DHCP Admin

If the scanning command does not locate the reader:

- 1) The site's DHCP administrator will need to be involved.
- 2) The network reader has its MAC address printed on a sticker attached to the side or back.
- **3)** Communicate the MAC address to the DHCP administrator and ask that they locate the corresponding IP in DHCP.

1.2 - Configure 241

Once the IP address for the reader has been found, it can be configured for use with Pcounter.

1.2.1 - Configure 241's Web UI

- Type the reader's IP address into a web browser to access the reader's web interface. Note, <u>Firefox</u> is the recommended browser for configuring 241 style network readers. If experiencing browser issues, try <u>Firefox</u>.
- 2) <u>This step is optional.</u> To assign a static address, navigate to the section 'IP', use the 'addressing mode' dropdown to change from DHCP to static, then type the new IP, IP Network Mask, and Gateway. DNS is **optional**.

<u>Click update</u> to apply the new IP address, then <u>refresh the page</u> to verify the configuration was accepted.

ddroseing Mede					
duressing wode	Static		•	•	
p <mark>Addres</mark> s:	192 .	168 . 2	2 . 24		
p Mask:	255	255	255 . 0		
ateway:	192 .	168 . 2	2 . 200		
)NS 1:	192 .	168 . 2	2 . [1		
)NS 2:	0.0		. 0		
letwork Port:	100 Mbps-	Full Duplex	•		
)evice Port:	100 Mbps-	Full Duplex	•		
ocation:	Tom's Offic	ce			

3) Navigate to the section 'Server'.

Set 'Data Server IP' to the IP address of the Pcounter Embedded server. Set 'Data Server Port' to the 'card server port' used by the Pcounter Embedded service.

lp 📥 Se	erver 🛑 System Log		
Init Server Ip:	0.0.0.0	Init Server Port:	80
Init Server Url:			
Init Server Str:			
Init Retry Count:	0 Init Retry Sleep: 1 In	nit Long Beep: 1 Init Short Beep	: 1
Data Server Ip:	192 . 168 . 2 . 201	Data Server Port:	9292
Data Server Url:			
Dan Server Str:	/demo/data/put.php?csn=\$d		
Data Retry Count	Data Retry Sleep: 1	ata Long Beep: 1 Data Short Bee	ep: 1
Default		Reset	Update
www.RF IDeas.com		e:	2013-14 RF IDeas
- 103613 MIGHTHT361	utor / tpcom/ y		
indows IP Configu	ration	Pcounter XAuditron ser	vice configuration
hernet adapter L	ocal Area Connection:	Current Version: 2014	07.25
Connection-spec Link-local IPv6 IPv4 Address.	ific DNS Suffix . Address	4c : 2356 × 12	
		HTTP:	oort; 9290 Test ava
Subnet Mask Default Gateway	192.168.2.200		port: 9290 <u>Test ava</u>

 4) Data Server Str is set differently depending on if the card reader type is <u>proximity or magstripe</u>. For <u>proximity</u> use /demo/data/put.php?csn=\$1 For <u>magstripe</u> use /demo/data/put.php?csn=\$d
 IE:

Data Server Str: /demo/da	ata/put.php?csn=\$d		
Data Retry Count: 1	Data Retry Sleep: 1	Data Long Beep: 1	Data Short Beep: 1
Default		Rese	et Update

5) <u>Click update</u> to apply the new settings, then <u>refresh the page</u> to verify the configuration was accepted.

1.2.2 - Associate 241 In Pcounter

The final step is to associate the reader with a device in Pcounter Embedded.

- The MFP in question should be fully tested with Pcounter Embedded. Specifically, <u>keyboard</u> <u>login should be tested and confirmed to be working normally before</u> attempting to add a network card reader.
- 2) Open the Pcounter Embedded interface, IE PCXAConfig. Right click the MFP in question in the device list and choose 'associate network card'.



3) Enter the IP address of the network reader into the box that opens, then OK to accept.

Second Associate Network card					
Enter the IP address of the network card reader, or swipe a card to detect the IP address. The network card reader should have a static address.					
The Gateway service must be running in order to detect the card swipe.					
Card IP address: 192.168.2.24					
OK Cancel					

4) The network reader is ready for testing.

2.0 - AKE Configuration

2.1 - Locate AKE's IP

Network readers require their own, unique IP address.

When the network reader is first attached to the network, in a segment that has DHCP, it will receive an address from DHCP automatically. The address the device receives can be located by either using the PScan utility to search an IP range, or by having the site's DHCP administrator use the MAC address printed on the device's sticker to locate the device's IP in DHCP.

2.1.1 - Scan for reader using PScan

 Attach the network reader directly to the network via Ethernet in a location where it will receive an IP address from DHCP.
 Note the lights on the network reader's ethernet port should light green to show a good

Note, the lights on the network reader's ethernet port should light green to show a good connection to the network.

- 2) Download PScan <u>here</u> and extract to a workstation or server on the same network as the reader.
- 3) Open a command prompt and use a cd command to change directory to wherever PScan.exe is located.
- Run the search command: pscan findreaders ip.ip.ip
 ip.ip.ip = first three octets of the network segment to be scanned
 IE:
 pscan findreaders 192.168.2

C:\>pscan findreaders 192.168.2

- 5) Execute the command. All nodes in the network range defined by the command will be scanned one by one until the network reader is located. Each period shown in the command output represents one node that has been scanned.
- 6) When a reader is found, the command will display the reader's IP and model.
 - IE:



This picture shows a 241 found at 192.168.2.22 and an AKE found at 192.168.2.24

1.1.2 - Escalate to DHCP Admin

If the scanning command does not locate the reader:

- **1)** The site's DHCP administrator will need to be involved.
- 2) The network reader has its MAC address printed on a sticker attached to the side or back.
- **3)** Communicate the MAC address to the DHCP administrator and ask that they locate the corresponding IP in DHCP.

2.2 Configure AKE

Once the IP address for the reader has been found, it can be configured for use with Pcounter.

2.2.1 Configure AKE's Web UI

- Type the reader's IP address into a web browser to access the reader's web interface. Note, <u>Firefox</u> is the recommended browser for configuring network readers. If experiencing browser issues, use <u>Firefox</u>.
- 2) <u>This step is optional.</u> To assign a static address, navigate to the section 'Network', set the bullet to 'use the following ip configuration', then type the new IP, IP Network Mask, and Gateway.

公	Network Settings
Network	IB Configuration
Server	IF configuration
Channel 1	Obtain IP address automatically
Serial Settings	Auto Configuration Methods
Connection	BOOTP: 💿 Enable 💿 Disable
Advanced Setup	DHCP: Enable Disable
Apply Settings	AutoIP: Enable Disable
Apply Factory Defaults	
	DHCP Host Name:
	Ose the following IP configuration:
	IP Address: 192.168.2.22
	Subnet Mask: 255.255.255.0
	Default Gateway: 192.168.2.200

Go to Channel 1 > Connection.
 Set 'Protocol' to TCP.
 Set 'Accept Incoming' to Yes
 Set 'Active Connect' to 'With any character'
 Check the box for 'auto increment for active connect'
 Set 'Remote Port' to the port the Pcounter service is using for 'Card Server Port'
 Set 'Remote Host' to the IP address of the Pcounter server

ຜ	Connection Settings
Network Server Channel 1 Contel Cuttings Connection	Connect Protocol Protocol: TCP -
Advanced Selap	Connect Mode Passive Connection: Active Connection:
Apply Settings Apply Factory Defaults	Accept Tes Active Connect: With Any Character
	Password Required: Ves No Start Character: 0x 0D (in Hex)
	Password: Modem Mode: None 🗸
	Mdm Esc Seq Pass Thru: Yes No
	Endpoint Configuration:
	Remote Port: 9292 Remote Host: 192.168.1.2

4) Once all the settings are set in step 3, click the OK button at the bottom, then click 'apply settings'.

Wait until the screen changes, it will display a message that says 'please wait while the configuration is saved....'

Do NOT click on anything until the progress bar disappears and the UI refreshes, displaying the main screen.

<u></u>	
Network	
Server	Please wait while the configuration is saved
Channel 1	The unit will report in order for the settings to be applied
Serial Settings	The unit will reboot in order for the settings to be applied.
Connection	
Advanced Setup	
Apply Settings	
Apply Factory Defaults	

2.2.2 - Associate AKE In Pcounter

The final step is to associate the reader with a device in Pcounter Embedded.

- The MFP in question should be fully tested with Pcounter Embedded. Specifically, <u>keyboard</u> <u>login should be tested and confirmed to be working normally before</u> attempting to add a network card reader.
- 2) Open the Pcounter Embedded interface, IE PCXAConfig. Right click the MFP in question in the device list and choose 'associate network card'.



3) Enter the IP address of the network reader into the box that opens, then OK to accept.

Second Associate Network card					
Enter the IP address of the network card reader, or swipe a card to detect the IP address. The network card reader should have a static address.					
The Gateway service must be running in order to detect the card swipe.					
Card IP address: 192.168.2.24					
OK Cancel					

4) The network reader is ready for testing.

3.0 - Card Configuration

Once the reader is communicating with the server and the MFP properly, additional configuration may need to be done to match the card swipe to the user's ID number.

3.1 - View Card Swipe Results

The following process can be used to view card swipe results after successful authentication.

- On the Pcounter XAudit server, open an explorer window to: x86: c:\windows\system32\pcounter\sessions x64: c:\windows\syswow64\pcounter\sessions
- 2) Swipe a test card at the reader, an access denied message may be displayed at the MFP.
- **3)** When the card is swiped, an .ini file should be generated at the directory listed above with the filename matching the IP address of the MFP it is being directed to. This .ini file should list the exact read result from the card being swiped.



- 4) The number displayed in the session .ini is considered an ID# and is used to identify a user.
- 5) A user can an Active Directory user account, a local user account, or a Pcounter User account.
- 6) The ID# can be stored in Pcounter Administrator's ID# database, or in Active Directory as an attribute.

3.2 - ID# Storage Options

1) ID#'s can reside in Pcounter Administrator's Pcounter Pro ID/PIN numbers area. To view, just open Pcounter Administrator and click on Pcounter Pro ID/PIN numbers at the bottom right.



- 2) ID#s can also reside Active Directory as an attribute:
 - a. First choose an attribute, such as Employee ID, that is populated for all users in the domain with the number contained on their HID card. The Active Directory Users and Computers snap-in can be used to manually modify any active directory attribute.
 - b. Set the attribute for ID# lookup in Pcounter XAudit>Global Settings>Configure>ID Number Attribute.
 - c. Enter the name of the attribute you will use in Active Directory.
 - d. Click the test button to confirm the attribute lookup is successful.

Pcounter XAuditron Configuration
🚊 Server 🔽 🌍 Settings 👻 🎯 Services 👻 🖶 Printer 👻 🥐 Help 👻
Global settings
• General
Pcounter accounting/network type: Windows
Language: English
SNMP v2 GET community string: public
SNMP v2 SET community string: private
SNMP v3 authentication password:
SNMP v3 privacy password:
Printer admin ID: admin
Printer admin password:
Pcounter accounting configuration
Configure O Advanced settings • NetWare/DES
Configure Advanced settings Advanced settings DLL version: 01.24.2012
Configure Advanced settings NetWare/DES DLL version: 01.24.2012 Pcounter data server
Configure Advanced settings NetWare/DES DLL version: 01.24.2012 Pcounter data server Data server name: WALENCIA
Configure Advanced settings NetWare/DES DLL version: 01.24.2012 Pcounter data server Data server name: Windows services using this DLL should be running windows services using this DLL should be running
Configure Advanced settings NetWare/DES DLL version: 01.24.2012 • Pcounter data server Data server name: WALENCIA Windows services using this DLL should be running on the Pcounter data server.
 Configure Advanced settings NetWare/DES DLL version: 01.24.2012 • Pcounter data server Data server name: MVALENCIA Windows services using this DLL should be running on the Pcounter data server. • Remote server credentials (Windows 2000 or later)
Configure Advanced settings NetWare/DES DLL version: 01.24.2012 • Pcounter data server Data server name: WALENCIA Windows services using this DLL should be running on the Pcounter data server. • Remote server credentials (Windows 2000 or later) Login name:
 Configure Advanced settings NetWare/DES DLL version: 01.24.2012 • Pcounter data server Data server name: MVALENCIA Windows services using this DLL should be running on the Pcounter data server. • Remote server credentials (Windows 2000 or later) Login name: Password:
 Configure Advanced settings NetWare/DES DLL version: 01.24.2012 • Pcounter data server Data server name: WALENCIA Windows services using this DLL should be running on the Pcounter data server. • Remote server credentials (Windows 2000 or later) Login name: Password: NetWare/OES support
 Configure Advanced settings NetWare/DES DLL version: 01.24.2012 • Pcounter data server Data server name: MVALENCIA Windows services using this DLL should be running on the Pcounter data server. • Remote server credentials (Windows 2000 or later) Login name: Password: NetWare/OES support Use Novell eDirectory authentication
 Configure Advanced settings NetWare/DES DLL version: 01.24.2012 • Pcounter data server Data server name: MALENCIA Windows services using this DLL should be running on the Pcounter data server. • Remote server credentials (Windows 2000 or later) Login name: Password: NetWare/OES support Vise Novell eDirectory authentication
 Configure Advanced settings NetWare/DES DLL version: 01.24.2012 Pcounter data server Data server name: <u>WALENCIA</u> Windows services using this DLL should be running on the Pcounter data server. Remote server credentials (Windows 2000 or later) Login name:

3) ID#'s can be automatically stored in either the Pcounter Administrator database, or in Active Directory as an attribute, by enabling 'automatic ID# registration' in the Pcounter Embedded application.

4.0 - Advanced USB HID Reader Configuration

The section discusses advanced configuration options for the RF IDeas USB HID 80851 Reader. Occasionally, the default configuration of the reader must be changed to customize the reader input and output.

4.1 - Installing PCProx Plus

First the PCProx configuration utility must be installed to allow reader settings changes.

This process should be done on a PC or Server that will allow the HID Reader to be physically attached.

- 1) Download PCProx Plus, either find it on the RF IDeas website, or use this link <u>here</u>.
- 2) Run the installer and take all the defaults to install the application to "C:\Program Files (x86)\RF IDeas\pcProx5"
- Browse to the installation directory and open 'PCProxConfig.exe'. The interface should look similar to:

pcProxConfig pcProx® and pcProxPlus® Enroll Configuration Utility f	or USB,	Serial &	Eth		×
File Connect Device Navigation View Help					
Connect Disconnect Write Settings					
pcProxPlus					
Configuration # 1 V OFF			\vee	✓ High p	riority
Connect Data format Delimiters Timing SDK Extended					
Connection type USB (Universal Serial Bus) USB (USB ports					
Serial: RS-232 and virtual COM ports Use COM ports			Def	ault 18	
Ethernet (Local IP 192. 168.2.229)	Port	10000	Find	d Next IP	
Device list					~

4.2 - Connecting USB Reader

Once the configuration utility is installed, the reader must be connected.

- 1) Attach the USB reader to the PC.
- 2) Open the PCProxConfig interface.
- **3)** Click the connect button.



4) The attached reader should then be displayed in the device list and below the model number should be displayed as 'RDR-80581AKU'.

If RDR-80581AKU is not the displayed model, please contact Pcounter support to ensure compatibility.

pcProxConfig pcProx® and pcProxPlus® Enroll Configura	ition Utility for USB, Serial & Eth 🗕 🗆 🛛 🛛
File Connect Device Navigation View Help	
Connect Disconnect Write Active	
pdProxPlus Configuration # 1 V RDR-758x Equivalent	✓ V High priority
Connect Data format Delimiters Timing SDK Extended	
USB (Universal Serial Bus) USB (Universal Serial Bus) USB (Use USB ports Serial: RS-232 and virtual COM ports Use COM ports 1 + through 8 +	Default 18
Ethernet (Local IP 192. 168. 2. 229)	Port 10000 Find Next IP
Device list	
<pre>#01 USB Firmware:10.7.0 LUID:0/0x0000 - 0C27:3BFA RF ID Model: RDR-80581AKU</pre>	eas v

4.3 - Customizing USB Reader Type & Output

Once the reader is connected to the PCProx Interface, the reader configuration can be customized.

4.3.1 - Configuring Multiple Card Types

<u>RF IDeas USB HID 80851 Reader can read two different card types simultaneously</u> thus allowing two completely different card types to access the reader normally.

To configure the reader for this:

- 1) Use sections 4.1 and 4.2 of this document to install PCProxConfig and connect the USB Reader.
- 2) Once the reader is connected, the 'Configuration' dropdowns can be selected.
- 3) Ensure 'Configuration' is set to '1', then click on dropdown and choose the first card type that should be allowed, or leave it at the default card type.

pcProxPlus			
Configuration # 1 V	RDR-758x Equivalent	~	
	I-Code CSN (Philips, NXP)	~	Ē
Connect Data form t Deli	I-tag CSN (IBM)		
Conservations have	ID Teck : RDR-6A8x Compatible		Г
Connection type	Indala ASP 26 bit (Motorola) : RDR-638x Compatible		
USB (Universal Serial Bu	Indala ASP UID (Motorola) Indala ASP Custom - Diago contact DE IDeas cales		ŀ
Ise USB ports	Indala ASP Custom : Piedse contact RF IDeas sales Indala ASP + LITD (Matorola)		
Cose Coo ports	Indala ASP + Custom : Please contact RE IDeas sales		L
Socials BS 222 and vistor	Indala ECR Custom : Please contact RF IDeas sales		
Senal, RS-252 and Virtue	ioProx (Kantech) : RDR-678x Compatible		
Use COM ports 1	ISO 14443A CSN		r
	ISO 15693 CSN		F
	Keri NXT UID		Ē
Ethernet (Local IP 192.	Keri PSC-1 26 Bit		t
	Keri UID : RDR-6K8X Compatible		h
Use TCP/IP 0	MiFare Ultraliabt CSN (Philips, NVP)		F
	my d CSN (Infineon)		ŀ
Device list	NexKey, Ouadrakey, KeyMate, 2Smart Key (Honeywell)		
	Nexwatch (Honeywell) : RDR 6N8x Compatible		h
#01 USB Firmware:	Paradox		
Model: RDR-80581AKU	Pyramid (Farpointe Data) PSC-1 26 Bit		Γ
	Pyramid (Farpointe Data) UID		ŀ
	Radio Key (Secura Key -02) RKCx-02 : RDR-628x Compatible		
	RDR-758x Equivalent		
	Readyney Pro UID : RDR-6R8X Compatible		

4) Set 'Configuration' to '2', then click on dropdown and choose the second card type that should be allowed.



5) Once both Configuration card types are selected as desired, click the 'Write Active' button to apply the changes to the card reader itself.

Section 2017	onfig p	cProx® an	d pcP	roxPlus	® Enroll
File Connect	Device	Navigation	View	Help	
2		- 🐝 •	-		
Connect Di	sconnect	Write Active			
pcProxPlus					
Configuration #	2 ♥	Awid : RDR	-698x C	ompatible	
Connect Data	format D	elimiters Tim	ning Sl	DK Ext	ended

- 6) Thoroughly test the reader with both card types.
- 7) Make changes to 'Configuration' 1 and 2 as needed. Make sure to use the 'Write Active' button to apply any additional changes to the reader before doing more testing.

4.3.2 - Customizing Card Output Data

The reader output can be customized using the PCProxConfig interface.

This can be helpful if the reader output does not match an existing database of card numbers.

However, 'automatic registration' is also an option in that situation.

For more information on automatic registration please contact Pcounter Support.

To customize card reader output:

- 1) Use sections 4.1 and 4.2 of this document to install PCProxConfig and connect the USB Reader.
- 2) Once the reader is connected, go to the 'Data Format' tab.
- **3)** There are a large number of options available to customize the reader output. AND Technologies does not provide support for each setting in this window. Please contact RF IDeas support if assistance is needed with each option.
- 4) When making changes, make sure to click 'Write Settings' to apply the changes to the reader before doing more card swipe testing.

pcProxConfig pcProx® and pcProxPlus® Enroll Co	onfiguration Utility for USB, Serial & Eth – 🕒
File Connect Device Navigation View Help	
Connect Disconnect Write Settings	
pcProxPlus	
Configuration *	V High p
Connert Data format Dalimiters Timing SDK Extended	
ABC 123 : 98765	4321XYZT GN
Wiegand to keystroke data format	Advanced settings
Parity bits	
Strip leading bit count	Only read cards with this bit count
Strip trailing bit count	Display hexadecimal in lowercase (a-f)
	Use numeric keypad for 0-9 (European)
Send FAC Send FAC as hexadecimal number	AZERTY keyboard shift lock
Send ID Send ID as hexadecimal number	FAC extended precision math on
	ID extended precision math on
ID field bit count	Reverse Wiegand bytes
Fix length FAC / ID fields	Reverse Wiegand bits
FAC digits 3	☑ Invert Wiegand bits
ID digits 5	Emulate ProxPro - append serial checksum

5) Click on the 'Delimiters' tab. Here special characters can be inserted before, between, and after the card read result. This can be helpful to further customize the reader output.
 AND Technologies does not provide support for each setting in this window.
 Please contact RF IDeas support if assistance is needed with these options.

Connect Connect Delimiters	iming SDK Extended		
	ABC 123 : 98	7654321XYZT GN	
Pre-data delimiters (ABC)	FAC / ID delimiter (:)	Post-data delimiters (XYZ)	Card gone delimiters (GN)
	19951 (100 H	

6) When making changes, make sure to click 'Write Settings' to apply the changes to the reader before doing more card swipe testing

5.0 - Documentation and Video Links

This concludes the guide. If there are any questions, please email <u>support@pcounter.com</u>.

Links to recommended Pcounter documents and videos:

All Pcounter Videos: https://www.youtube.com/user/andtechsf

Pcounter for Windows - Primary Documentation : www.pcounter.com/supportfiles/pcounterwin.pdf

Pcounter for Windows - Prepare, Install, Configure: https://www.youtube.com/watch?v=hyOaYOnVp3k

Pcounter Client and Printer Distribution Guide : www.pcounter.com/supportfiles/Pcounter_Distribution_Guide.pdf

Pcounter WebPrint Installation and Customization Guide: www.pcounter.com/supportfiles/Pcounter webprint Guide.pdf

Pcounter Administrator Training Video Part 1:

https://www.youtube.com/watch?v=FxwmXCE6ebU

Pcounter Administrator Training Video Part 2:

https://www.youtube.com/watch?v=5jLsOj4tKJw

Pcounter Popup Training Video:

https://www.youtube.com/watch?v=chSbuDZJIhQ

Pcounter Station - Installation and Troubleshooting Guide: www.pcounter.com/supportfiles/pstation_guide.pdf

Pcounter for Windows - Balance.exe as a Web App: https://www.youtube.com/watch?v=J IVgsgopnI