

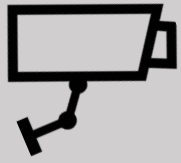
PLC Communication Plug-in for AXIS Cameras

DeviceXPlorer RecSync

TAKEBISHI
PRODUCTS
CHECK!



Dxp RecSync



PLC Communication Plug-in
for AXIS Cameras

Dxp RecSync

Supports cause analysis of **trouble**

DeviceXPlore



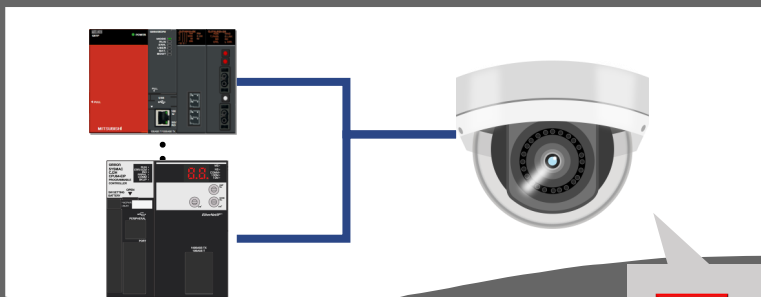
Can be installed without
modifying existing PLCs

Simple setting to install on
AXIS camera and connect
with existing PLCs via LAN



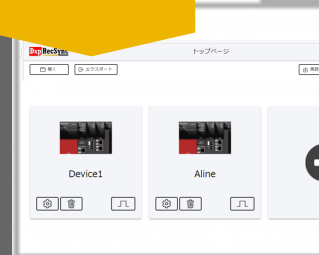
Easy setting

Easy setting for conn
PLCs and trigger con
on web browser



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PLC Settings



An error occurred in
production line!
The cause is unclear due
to unattended operation..

Setup

Monitor

De

Install on AXIS Camera

Dxp RecSync



Web
browser

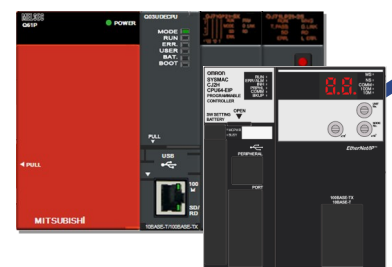
(1) Setting the connecting PLC
(Up to 4 units)



(2) Setting the Trigger
(up to 8 per PLC)



Fault
signals



PLC

and **short time breakdown** of equipment!

er RecSync

on Web browser

ecting
ndition

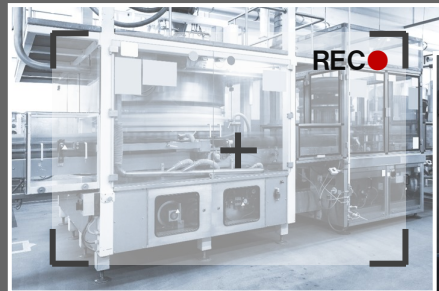
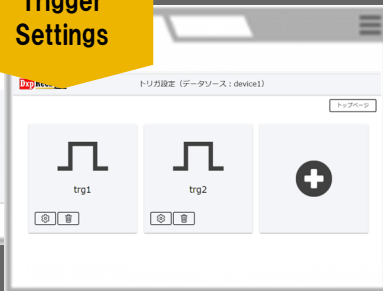


**Record the error
upon signal from PLCs**

Detect fault signal from PLCs.
Saves recording of before/after
the error occurs to the storage
based on AXIS camera setting.



**Trigger
Settings**

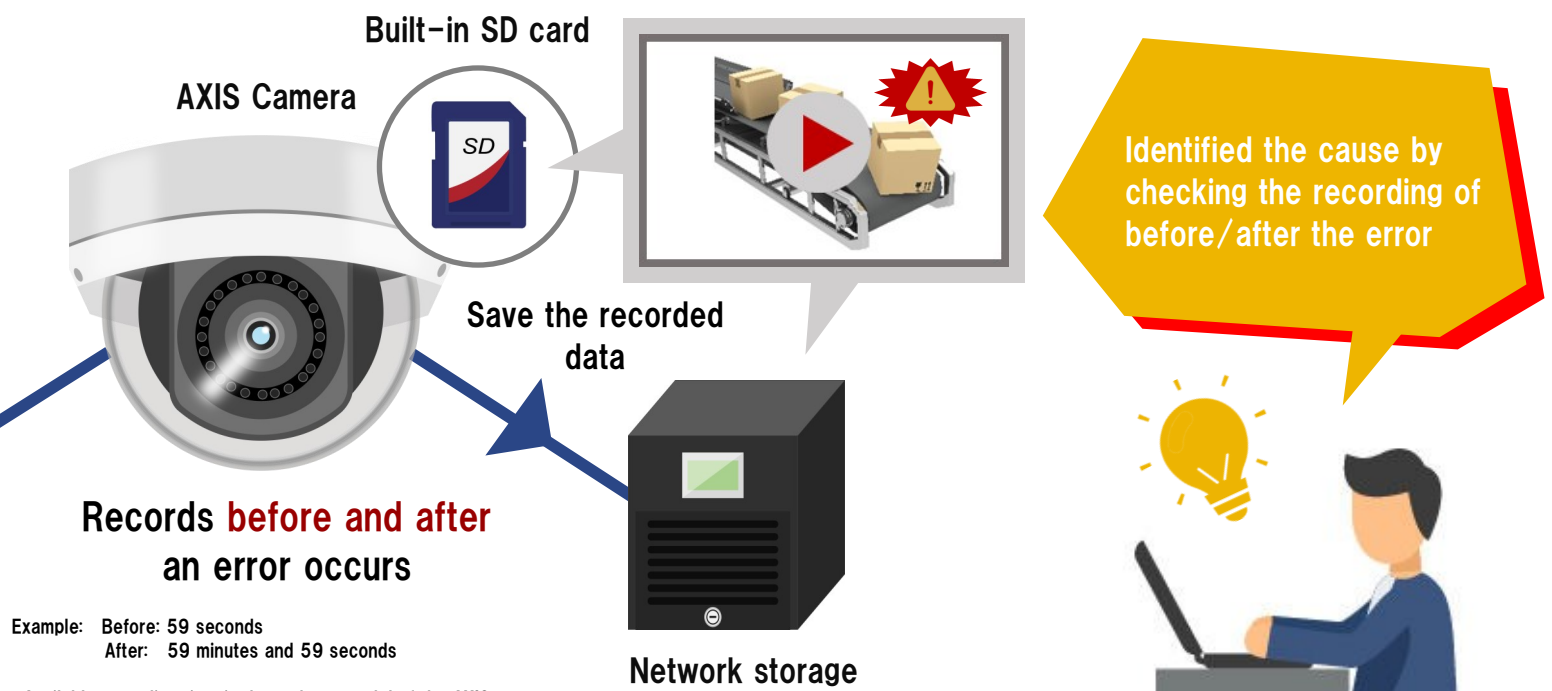


Detect Fault

Record

Save

Analyze the cause



Specification

Item		Contents
General Specifications		
Application	Application Type	ACAP (AXIS Camera Application Platform) application (*1)
License	License	1 license per AXIS camera to be installed
	protection	Protection by license key file (*2)
Functional Specification		
Communication function	External I/F	Ethernet
	Device Protocol	SLMP (TCP/IP, UDP/IP)
	Maximum number of units connected	4 units
Trigger	Data type	Boolean, (U) Int16/32, Float, Double
	Maximum Points	32 points (maximum 8 points per PLC)
	Operators	=, !=, ≥, >, <, ≤
	Compound trigger	Up to 2 PLC devices can be monitored per trigger (*3)
	Extend setting	Specify the bit position of word register
Setting	Operation	Setting screen is provided via web browser - Microsoft Edge (*4) - Google Chrome
	Setting File	Import to /Export from local PC

Applicable devices

Vendor	Series/Product	Applicable Models
Axis Communications	F Series	The architecture of the AXIS camera is If any of the following three types apply This product can be installed and used (*5) - mips - armv7hf - aarch64
	M Series	
	P Series	
	Q Series	
	V Series	

- 1 What is ACAP (AXIS Camera Application Platform) ?
It is an open platform that allows applications (extensions) developed by Axis Communications partners to run on AXIS cameras.
- 2 The file can be issued on the Axis Communications website.
Refer to the following URL for how to obtain the license key file.
[Axis Communications website: License Key Registration page]
<https://www.axis.com/products/camera-applications/license-key-registration#/registration>
- 3 If the trigger is to be executed when [MO is 1 (ON)] and [D10 is 123 or more], set as follows
⇒ [MO=1 (ON)] AND [D10≥ 123].
- 4 Use Microsoft Edge with Windows Update applied after 2020/6.
- 5 Refer to our website for supported AXIS cameras.
[Takebishi Web site (FAWEB) : DeviceXPlorer RecSync].
<https://www.faweb.net/en/product/recsync/>

Connectivity

Vendor	Series/Product	CPU module	Ethernet module
MITSUBISHI	MELSEC iQ-R	R120 (P) / 32 (P) / 16 (P) / 08 (P) / 04	Built-in Ethernet port, RJ71EN71
	MELSEC iQ-F	FX5U (C/J)	Built-in Ethernet port
	MELSEC-Q (Universal high-speed)	Q26/13/06/04/03UDV	Built-in Ethernet port, QJ71E71-100/B2/B5
	MELSEC-Q (Universal)	Q100/50UDEH, Q26UD (E) H, Q20/13/10/06/04/03UD (E) H/02/01/00U (J)	Built-in Ethernet port, QJ71E71-100/B2/B5
	MELSEC-Q (Process)	Q26/13/06/04UDPV, Q25/12/06/02PH	QJ71E71-100/B2/B5
	MELSEC-Q (Redundant)	Q25/12PRH	QJ71E71-100/B2/B5
	MELSEC-Q (High performance)	Q25/12/06H, Q02 (H)	QJ71E71-100/B2/B5
	MELSEC-Q (Basic)	Q01, Q00 (J)	QJ71E71-100/B2/B5
	MELSEC-Q (C language controller)	Q24DHCCPU-V, Q12DCCPU-V, Q06CCPU-V	Built-in Ethernet port
	MELSEC-Q (Motion controller)	Q170M, Q172D (S) CPU (-S1), Q173D (S) CPU (-S1)	Built-in Ethernet port
	MELSEC-L	L26CPU- (P) BT, L06CPU- (P), L02 (S) CPU- (P)	Built-in Ethernet port, LJ71E71-100
	MELSEC-FX	FX3S/U/UC/G/GC/FX2 (N/2NC/2C) /FX1 (S/N/NC), FX0 (S/N)	FX3U-ENET (-L), FX3U-ENET-ADP
	MELSEC-QnA	Q4A (R), Q3A, Q2A (S/SH) (-S1)	A (1S) J71QE71 (N) -T, A (1S) J71QE71 (N) -B2/B5
	MELSEC-A	A4U, A3 (N/A/U) /A2 (N/A/U) (S/SH) (-S1) /A1 (N) (S/SH)	AJ71E71 (-S3), A (1S) J71E71 (N) -T A (1S) J71E71 (N) -B2/B5
OMRON	SYSMAC-CJ	CJ2H, CJ2M, CJ1G, CJ1H, CJ1M	Built-in Ethernet port, CJ1W-ETN11/21, CJ1W-EIP21
	SYSMAC-CS	CS1G, CS1H, CS1D	CS1W-ETN21/11/01, CS1W-EIP21, CS1D-ETN21D
	SYSMAC-CP	CP1E, CP1L (-EM/EL), CP1H	Built-in Ethernet port, CP1W-CIF41 CP1L-ETN, CJ1W-ETN21/EIP21
	SYSMAC-CV	CVM1 (D), CV2000, CV1000, CV500	CV500-ETN01
	SYSMAC-C	C200H, CQM1 (H), CPM1/2, C2000H/C1000H	
	SYSMAC-NSJ	NSJ	Built-in Ethernet port, NSJW-ETN21

Lineup

*Cameras are sold separately.

Product Name	Line up	Model	Note
DeviceXPlorer RecSync	Download	DXPRECSYNC-DL-E	Axis camera is required separately.

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YouTube: https://www.youtube.com/@faweb_en



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