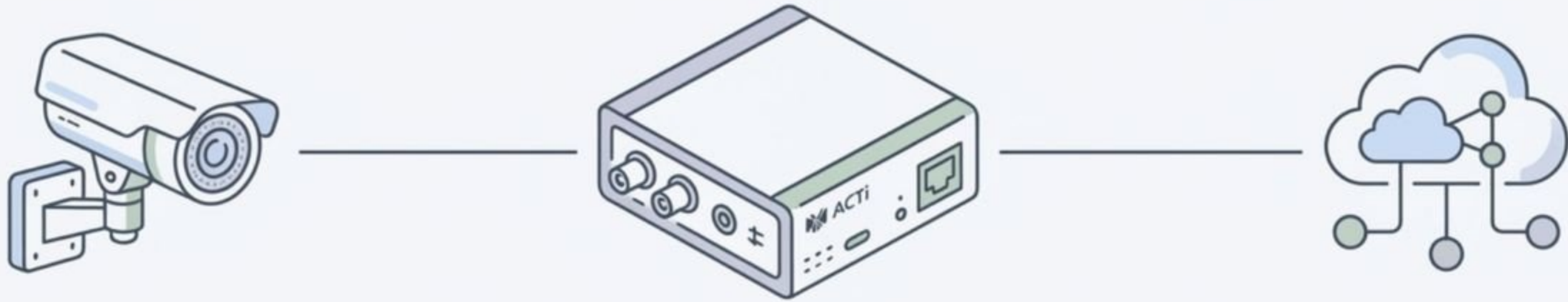


ACTi Encoders

Reliable Analog to IP Video Encoder Solutions



Overview

A video encoder transforms the signal from an analog camera into a digital stream for IP networks (LAN or WAN). Unlike traditional analog transmission, this ensures consistent quality over distance and enables encryption for enhanced security.

Key Value Proposition

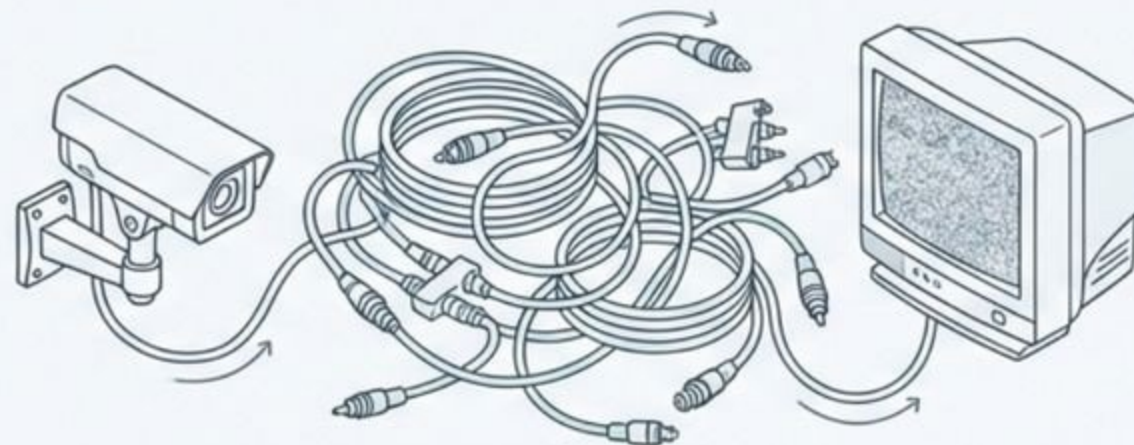
- Modernize CCTV infrastructure without replacing existing cameras.

Differentiator

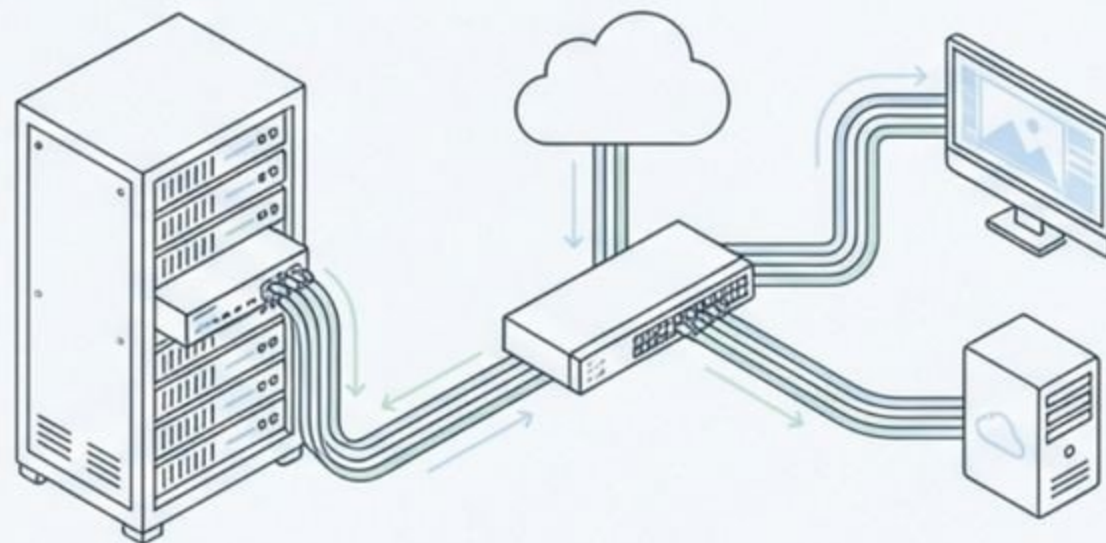
- Extended Power and Temperature Range for Enhanced Stability.
 - Supports operation from -40°C to 76°C (-40°F to 168.8°F).
 - Power range of DC 7-20V while maintaining stable performance.

Before & After

Legacy Analog



Modern IP Network



Features



Extended Operating Temperature -40°C ~ 76°C



Secure Transmission with HTTPs



NEMA TS2-Ready

Resolution up to 960 x 480

Two-Way Audio

ONVIF Compliant

Low Light & Contrasting Light Enhancement

Full Frame Rate Supported

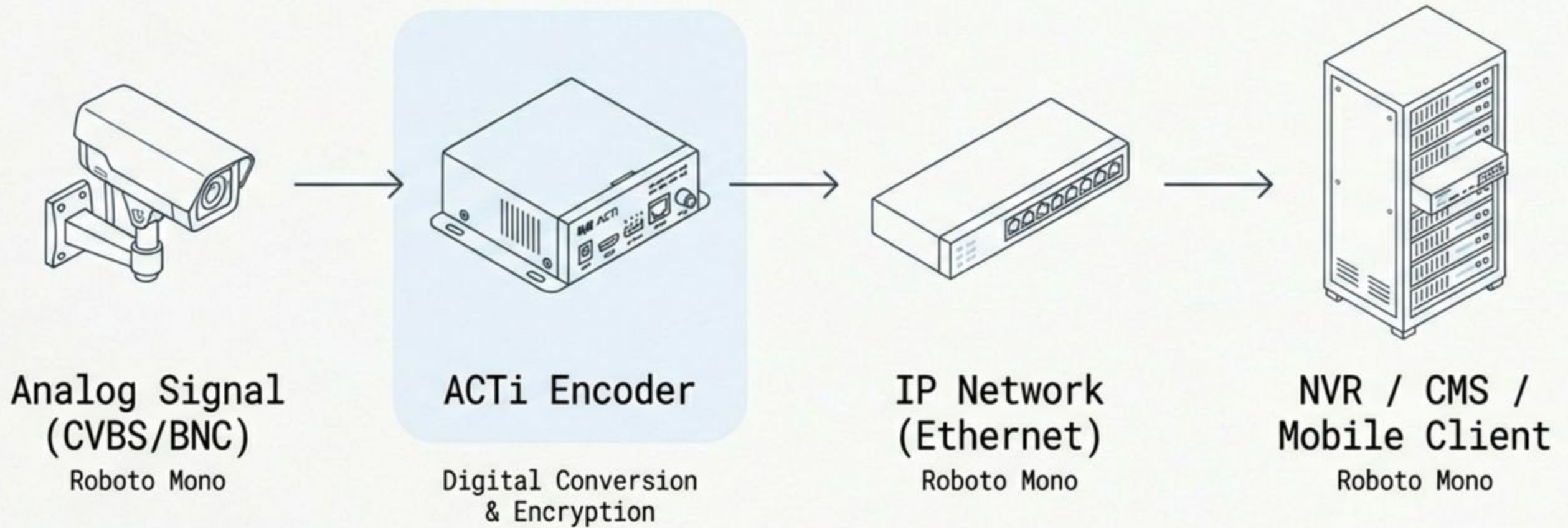
PTZ Control via Serial Port

Digital Inputs and Outputs for Devices Integration

API and SDK for System Integration

Single and Multi-Channel Encoders (Desktop and Rackmount Chassis Options)

Architectures



Applications



Transportation & Industrial

Ideal for traffic monitoring and railways. Features NEMA TS2-Ready certification and extreme operating temperature range (-40°C ~ 76°C).



Retail & Commercial

Cost-effective migration for multi-site stores with legacy systems. Offers 30%-50% lower costs and secure transmission.



Education & Campus

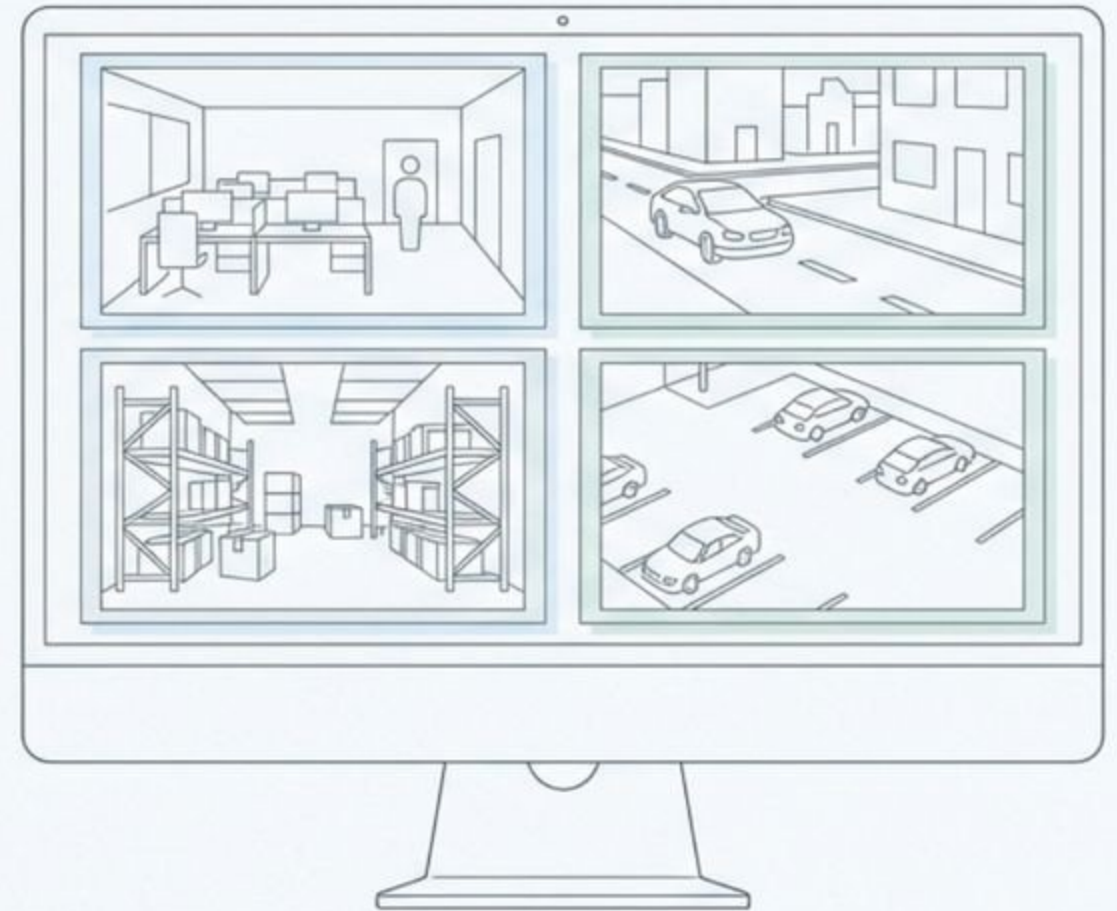
Centralizes localized CCTV systems. Transforms analog feeds into secure digital streams for enhanced campus-wide monitoring.

Solutions

Windows-Based NVR Solution

Model: S110

Managed remotely via NVR, CMS, or mobile client. The S110 offers a complete hybrid management system when paired with ACTi encoders, ensuring seamless integration of legacy analog feeds into modern management workflows.

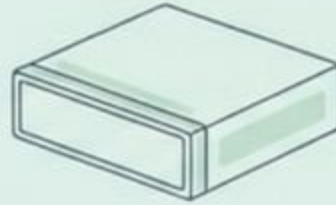


S110 Interface

Product Introduction

Product Matrix

Standard Video Encoder



V21 (1 Channel)



V24 (4 Channels)

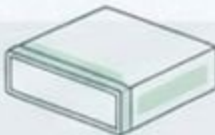
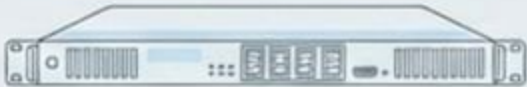
Rackmount Video Encoder



V32 (16 Channels)

Product Introduction

Comparison

Feature	 V21	 V24	 V32
Type	Standard Video Encoder	Standard Video Encoder	Rackmount Video Encoder
Max Channels	1	4	16
FPS/Resolution	30 @ 960x480	30 @ 960x480	30 @ 960x480
Analog Input	1 x CVBS	4 x CVBS	16 x CVBS
Audio	1/1, Terminal block	1/1, Terminal block	1/1, Terminal block
Power Source	DC (7-20V), PoE	DC (7-20V), PoE	AC
Serial Port	1 x RS-485/RS-422	1 x RS-485/RS-422	2 x RS-485/RS-422
Operating Temp	-40°C ~ 76°C	-40°C ~ 76°C	-10°C ~ 50°C

Summary



Cost Efficiency:

Discover reliability at 30%-50% lower costs compared to full IP camera replacement. Roboto Mono



Versatility:

Solutions range from 1-channel discrete units to 16-channel rackmount servers. Roboto Mono



Durability:

Industrial-grade design supporting -40°C to 76°C (V21/V24) and NEMA TS2-Ready. Roboto Mono



Security:

Encrypted digital streams via HTTPS.
Roboto Mono

Contact Us



Website: www.acti.com



Email: sales@acti.com



Phone: +886-2-2656-2588 / +1-866-410-ACTi (2284)



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