

# Video Edge Computing Terminal



## Main Feature

- ※ Support face recognition, human body feature extraction
- ※ Support license plate recognition and vehicle feature extraction
- ※ Support safety helmet recognition and other feature algorithms
- ※ Support ONVIF, RTSP and other video input
- ※ Support GB/T 28181 public security interface protocol, can upload video structured information
- ※ Support data online and offline comparison
- ※ Embedded software and hardware design
- ※ Low power consumption, stable performance, maintenance free
- ※ The device is small, which can be easily embedded in the power supply box of the existing monitoring equipment
- ※ Support the board to be integrated into other IP cameras or shields
- ※ Rich interfaces and high integration

Video Edge Computing Terminal is a small server with intelligent video analysis function. The product can access 4 channel of HD network video, and can be serialized to existing IP cameras or network dome cameras, transforming traditional monitoring equipment into intelligent equipment with face recognition, human feature extraction, license plate recognition, vehicle feature extraction and other functions. The product can greatly reduce the cost of the intelligent upgrade of traditional monitoring system, improve the efficiency of the transformation and upgrade, and provide customized services for the development of intelligent algorithms in application scenarios.

## Application Industry



## Product Parameters

Model		TSX530-A
Video	Output Signal	One channel HDMI video output
	Output Interface	Standard HDMI type A (large mouth) socket
	Input Signal	4 channel HD network video stream
	Compression Standard	H.265/H.264
	Resolution	1080P/720P/VGA etc.
Audio	Input	Support one channel audio input, connect to sound pickup
	Output	Support one channel audio output
Network	Ethernet	10/100M adaptive full duplex; 2 channel RJ45 interfaces
	Mobile Network	Support 5G/4G all modes, support dual-card bundled transmission
	WiFi/AP	Support IEEE802.11 ac/a/b/g/n, 2.4G/5G
Storage	TF Card	Support 2 pieces of TF cards storage, single card maximum support 128G
Interface	USB	1 channel
	HDMI	1 channel HDMI display output
	RS232	1 channel full duplex
	RS485	1 channel half duplex
	Alarm	1 channel alarm input, 1 channel alarm output
Intelligent	Application	Support face recognition, license plate recognition, safety helmet recognition, etc., support algorithm customization
Others	Working Temperature	-20°C ~ 60°C
	Working Humidity	5%~85% (no condensation)

## Product Model

Model	Description
TSX530-A-I	Video Edge Computing Terminal