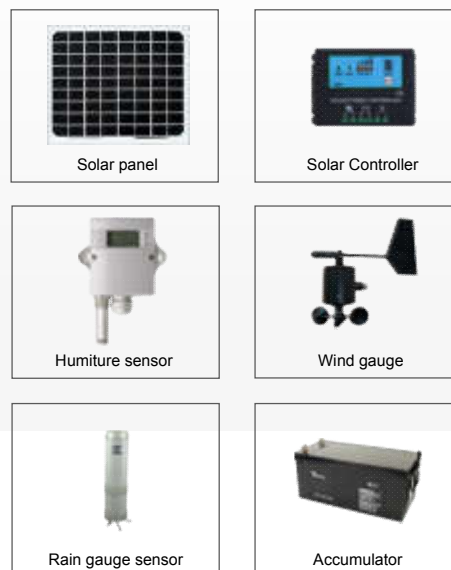


# Low-power Intelligent Video Gateway

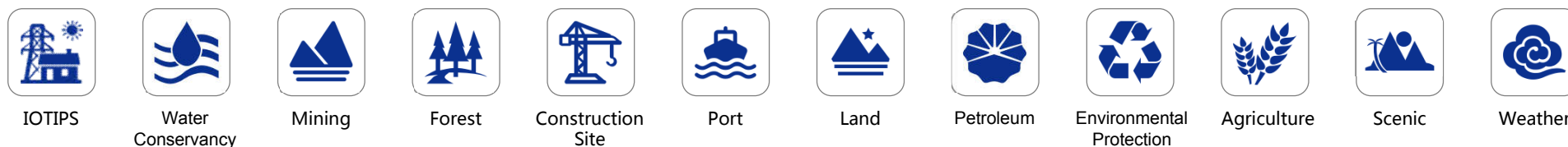


## Main Feature

- ※ Support two channel of video, support 4K, ONVIF, iCAP, RTSP, etc.
- ※ Support video stream secondary subtitle overlay, support H.265/H.264
- ※ Support dual stream: one channel for local storage, one channel for adaptive stream upload
- ※ Support on-site sound collection and monitoring center to shout to the front end
- ※ Support 4G all network transmission, support dual-mode dual-card hot backup, can expand 5G
- ※ Support up to 512G TF card storage, 2.5-inch hard disk storage
- ※ Support RS232, RS485, RS232 supports external positioning module
- ※ Support switch alarm input, wakeup during sleep, support relay output
- ※ Support audio and video, support controllable power output
- ※ Built-in high-performance AI algorithm warehouse, expandable human / vehicle recognition, helmet recognition, electric power protection, etc.
- ※ Support 9~28V wide voltage input
- ※ Support low-power sleep, can be remotely awakened by timing, SMS or call
- ※ Support iCVS2.1 platform, State Grid B interface platform, State Grid II interface platform
- ※ Support South Grid platform, GB/T28181 platform, etc.
- ※ The equipment meets the electric power protocol test standard, and supports online acquisition of electric equipment parameters

Low-power Intelligent Video Gateway is a wireless IoT terminal with video access as the core. The product is mainly for needs of video transmission in the unattended environment of power industry. It supports all modes, supports high-definition video transmission, audio capture, intercom, sensor data access, intelligent analysis, low-power standby, timing/SMS /call wakeup and other functions, can be extended to support video intelligent analysis functions such as prevention of external damage, human form detection, safety helmet detection, license plate recognition, etc., suitable for unmanned environment and low maintenance rate.

## Application Industry



## Product Parameters

Model		TSX510-E
Video	Compression Standard	H.265, optional H.264
	Video Input	Two channel network HD video input, support Onvif and iCAP protocols
	Resolution	1080P/720P etc.
	Bit Stream	Support dual stream
	Frame Ratio	1 ~ 25 fps adjustable
Capture	Format	JPEG
Audio	Input	One channel sound input, MIC or LINE-IN can be set
	Output	One channel sound output, drive earphone speaker
Network	Mobile Network	Support 4G/3G all network
	WiFi	802.11b/g/n, etc., can be switched to AP mode
	Wired	Support network port wired access
Storage	TF Card	Maximum support 512G
	Hard Disk	Reserved SATA hard disk interface
Alarm Input	Signal	1 set
	Function	Collect external signal input
Power Supply	Input	DC 8-36V input
	Output	3 channel controllable output
	Wakeup	Support timing, call, SMS and forced wake-up
Extensions	Intelligent Application	Support prevention of external damage, face detection, face recognition, human form detection, safety helmet detection, license plate recognition, etc.
Others	Size	280mm×186mm×86mm
	Working Temp. & Humidity	-40°C ~ 70°C; < 95%

## Product Model

Model	Description
TSX510-E-LAx-2N-LP-I	Support all mode, low power consumption, support multiple interfaces, multiple intelligent algorithm applications