

GS-X52-RW3FNA



Features

- Adopt T31N series AI DSP, 1/2.9 CMOS Sensor 2MP high-definition image sensor, 1920*1080 resolution real-time high-definition monitoring.
- Supports 6 types of polygonal area defense functions and tripwire detection functions, and supports multiple alarm linkages (trigger email/trigger FTP/trigger SD card capture, video/linked push/sound output) function.
- Support AI automatic high-sensitivity humanoid tracking and sound alarm + wired alarm output, support 20 kinds of voice broadcast + custom voice function, support garbage classification voice-like broadcast, while supporting precise positioning and playback of smart humanoids, supporting direct connection to AP hotspot mode, no need for external networks, suitable for environments without external networks (such as construction sites, fish ponds, etc.).
- Support RJ45 function, automatic image output across network segments (with RS series NVR), support WIFI module and external POE function, default H.265 encoding the bit rate is lower, the image quality is clearer, the bandwidth occupied is less, the storage time is longer, the cost is lower, and the image picture is smoother.
- Support cloud NVR and Easyvms client for centralized management.
- Support ONVIF standard protocol and P6S private protocol, support TF card (FAT32 format, support 128GB) or mobile phone local storage video, compatible with the market load a variety of TF cards and support FTP upload of audio and video data (via APP) to freely backup data..
- APP supports 17 languages (Simplified Chinese/Traditional Chinese/English/Finnish/Korean/French/Portuguese/Thai/Spanish/Polish/Indonesian/German/Italy language/Russian/Japanese/Vietnamese/Arabic/Turkish), support gesture zoom, support preset point setting, support up to 6 preset points, voice in two languages broadcast (Chinese/English).
- The onboard power amplifier IC of the module can effectively eliminate echo, suppress noise and prevent distortion. The speaker is recommended to use 8Ω/1.5W.
- Support cloud storage, device sharing function (support sharing multiple friends), and device management identity transfer function.
- Support humanoid alarm APP message push, and can support RTC function (full-function version), etc.

Product advantages

- Based on the T31N AI deep learning algorithm and equipped with Ruision AI human figure algorithm, it can accurately detect human figures, which is more accurate than motion detection alarms.
- APP multi-function: video stream frame rate and other settings, timing capture, alarm settings (trigger video, trigger FTP, linkage push), video settings, OSD settings and other functions.
- Network adaptation: The device will select the most suitable code stream for transmission according to the current network conditions, bringing a perfect user experience.
- Humanoid tracking currently supports 3 humanoid frames, channel OSD and monitoring time stamp display, day and night mode setting, IR-CUT reverse and switching time set up

Technical Specification

System	Main processor	T31N
	Operating system	Embedded LINUX operating system
Video	Image sensor	1/2.9 CMOS Sensor
	Video coding standard	H.265/H.264
	Effective resolution	1920*1080/1280*720
	Effective Pixels	2.0 M pixels
	Video frame rate	1-20fps(default setting 20)
	Video stream	256kbps-12288kbps(Default variable bit rate, support custom) (APP)
	S/N ratio	S/N ratio≥69dB

	Backlight compensation (BLC)	AUTO
	Automatic white balance (AWB)	AUTO
	Video output	Easy VMS Client/Mobile APP/Video APP(UVC/UVA)
	Motion Detection	Stand by
	Capture function	Stand by
Video management	Video mode	Mobile video, alarm video, timed video, human video
	Video saving	TF card/cloud storage
	Alarm trigger	Human alarm, motion detection alarm, speaker alarm, video alarm, capture, send email
Internet	Network protocol	HTTP, TCP/IP, IPV4, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, IP Search (Support P6S IP camera, DVR, NVS and etc.)
Other	TF card capacity	Maximum 128GB (common FAT32 format)
	Working voltage	Standard DC-12V (wide voltage 10-16V)
	Working current	320mA ±20mA
	Working environment	-20°C — 70°C
Size and Weight	Size	Diameter 80mm, height 105mm
	Net weight (bare camera)	627G
	Weight	727G

Package Contents

- 2.5" PTZ AI Camera
- User's Manual
- Installation Accessories