VIR-Ai02M-35

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Description Features:

- Texas Instruments SoC (DM368).
- Built-in graphical interface design, Web graphical setting mode, convenient setting of detection area, intelligent recognition rules, 3D correction, object classification, etc.
- Built-in statistical database, which can automatically record statistical data and store it in the local storage area, can execute statistical data according to different sampling frequencies, support multiple data query methods, support two-way accurate calculation statistics and object shadow filtering.
- The camera image stabilization function can reduce various external jitters such as vehicle-mounted, high-altitude airflow, and strong winds at the installation location, and stabilize the camera's image streaming output.
- The meta-data (Meta-data) containing various information such as alarm events, detection areas, and rule triggers is output in XML format.
  The data includes 3 types: A) alarm information B) regional statistics C) event images; users can perform subsequent secondary development.
- The professional object tracking engine can still accurately track objects in complex environments with many moving objects, and can maintain continuous tracking of objects even if they overlap.
- It has a color recognition function that can identify 10 colors and calculate the proportion of each color.
  It can display a color pie chart of the object in real time and supports setting alarm rules based on color judgment.
- Supports sending temperature, DSP load, system information and TCP events to the back-end.
- Support timer events to trigger various operations, such as alarms, function settings, etc.
- The camera front end can be set to start intelligent analysis detection during a certain time period and shut down intelligent analysis detection during a certain time period.
- Each camera group can set up to 40 detection areas.

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(Left sidebar tabs: AI Surveillance Equipment | HD-SDI / 3G-SDI Equipment | AHD / TVI / CVI Equipment | HDMI / VGA Equipment | Speed Dome Camera | Matrix Switcher Solutions)

	Specification	VIR-Ai02M-35
System	Operating System	Texas Instruments SoC(DM368)
	User Interface	IE browser / Client operating software
Camera	Image Sensor	SONY CMOS Image Sensor
	Effective Pixels	1920(H) × 1080(V), 2 Megapixels
	Min. Illumination	Color: 0.001Lux ; Black : 0Lux
	Electronic Shutter	1/10 ~ 1/50,000 sec
	S/N Ratio	≥50dB
	Day & Night	IR cut filter
	Lens	3.6mm / 4mm / 6mm / 8mm optional
	Wide dynamic mode	Digital wide dynamic range
	Noise Reduction	Support
	Resolution	16:9 : 1920 x 1080, 1280 x 720, 1120 x 630, 960 x 540, 800 x 450, 640 x 360, 480 x 270, 320 x 180 4:3 : SXGA(1280x960), XGA(1024x768), SVGA(800x600), NTSC(720x480), VGA(620x480), QVGA(320x240)
Video	Video Compression	H.264 / AVC, M-JPEG
	Encoding Format	H.265, H.264 encoding
	Main Stream	1920x1080_30fps, 1280x720_30fps
	Sub Stream	720x480, 640x360_30fps
	H.264 Type	Baseline Profile, Main Profile, High Profile
Audio	Audio Compression	None
	Audio Type	None
Alarm	Alarm Input/Output	None
Network	Protocols	IPv4/IPv6, HTTP, DNS, RTSP, RTMP, TCP/IP, DHCP, RTMP
	API	Open Network Video Interface (Profile S)
	Max User Access	6 users
AI Video Analytics	Features	Integrates Deep Neural Network based Edge AI for human and vehicle detection and classification. Deep Learning People Tracking Deep learning based people identification and tracking. Counting & Line High accuracy people and vehicle counting
General	Power Supply	DC12V 2.0A / PoE: 802.3at, max. 15 W
	Power Consumption	<8W
	Working temperature	-10ºC ~ 50ºC, Humidity 90% or less (non-condensing)
	Storage Temperature	-10ºC ~ 55ºC
	Casing	Aluminum Case
Approval	Protection Level	IP66

* Product specifications are subject to change without notice.

VIDEO ANALYTICS

Intrusion Detection | Zones & lines | Tamper Detection | QR Code Reader | Metadata | DL People Tracker | DL Object Tracker

Appear Filter | Disappear Filter | Dwell Filter | Enter Filter | Face | Vehicle

Exit Filter | Stopped Filter | Counting | Counting Lines | Tailgating Filter | Logical Rules

Object Color | Direction Filte