

DS-IE1064-03U/BA(A7)



- Behavior Analysis Server can detect the specific behaviors of individuals and groups in the perimeter, street, densely populated areas, indoor and other places, and provide professional video intelligent analysis applications.
- Real-time detection and alarming of events such as line crossing, area intrusion, region entrance/exiting, loitering, parking, unattended baggage or object removal.
- Real-time detection and alarming of people density, real-time people counting statistics and people counting statistics.
- Real-time detection and alarming of events such as getting up, key person getting up, climbing, absence or sleep on duty, abnormal number of people, overstaying, sudden change of sound intensity, regional overstaying, physical conflict, standing up, sitting, people counting or uniform detection.
- Real-time detection and alarming of events such as fast moving, physical conflict, people gathering, falling down or unattended baggage detection.
- AI open platform algorithm detection: Real-time detection and alarm are performed on the object detection, single tag classification, multi tags classification, multi attributes classification, and mix (1 for detection and 3 for classification) algorithm events trained by the open platform.

▪ Specification

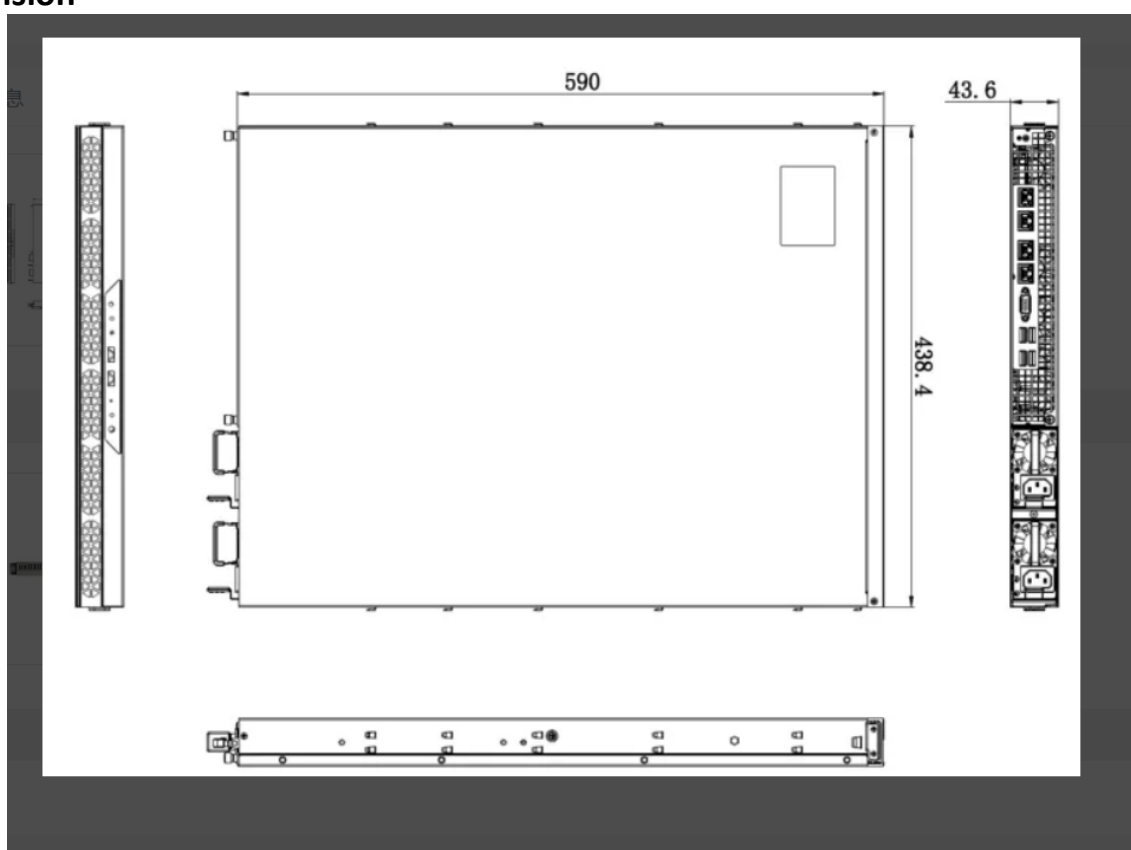
| Model | | DS-IE1064-03U/BA(A7) |
|-------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Performance | Algorithm Type | Indoor, Perimeter, Trend, Street |
| | Protocol Type | ISAPI |
| | Cluster Capacity | 5 |
| | Virtual Machine Storage | 100,000 alarm messages & images |
| | Data Type | Behavior (Video) |
| | Video Analysis Capacity | 64 channels (up to 8 MP, 1080 p is recommend) |
| AI | Data Type | Picture or Video |
| | Supported Algorithm Type | Object detection, single tag classification, multiple tags classification, multiple attributes classification, mix. |
| | Picture Resolution Requirement | 32 × 32 to 4096 × 4096 Picture format: JPEG (JPG), TIF, BMP, PNG, gif (static); Picture size: no more than 10 MB. |
| | Video Frame Rate Requirement | H.264 video stream, H.265 video stream (HIKVISION), Resolution: 2 MP-8 MP (4096 × 2160); Frame rate: 12/s to 30/s; Stream packaging format supported by video importing: ps, ts, mp4, avi, mbf, asf, h.264, h.265 (HIKVISION), svac, hik es, Dahua es, Tiandi platform es; Video size: no more than 100 GB in total, and no more than 10 GB per video. |
| | Picture Analysis Performance | Performance specification (2 MP resolution with less than 10 targets in the scene): Object detection, single tag classification, multiple tags classification, multiple attributes classification, mix (1 for detection, 3 for classification) and 256 pictures per second. |
| | Video Analysis Performance | Performance specification (2 MP to 8 MP (4096 × 2160): resolution-insensitive; tracking 64 targets in scene at the same time and outputting one target per second Object detection, single tag classification, multiple tags classification, multiple attributes classification, mix (1 for detection, 3 for classification) and 64 channels video analysis. |
| | usage | AIMMS 1.6.0 |
| | Picture rotation analysis | Performance specification (2 MP resolution with less than 10 targets in the scene): Object detection, single tag classification, multiple tags classification, multiple attributes classification, mix (1 for detection, 3 for classification). Support up to 16 tasks of scheduled capture analysis (each capture task can link to 16 channels rotation analysis, capture interval can be 1 to 3600 seconds). |
| Hardware Specifications | CPU | Hygon 3185 (8 Cores, 16 Threads, 3 GHz) |
| | Memory | 16 GB DDR4 RDIMM |
| | HDD Interface | M.2 |
| | HDD Capacity | 240 GB SSD × 2 |
| | Network Interface | 1000 M network interface × 4 |
| | USB 3.0 (External) | 6 |

| | | |
|----------------------------------------------|-----------------------------|-----------------------------------------|
| Physical and Environmental Parameters | VGA Interface | 1 |
| | Rated Power Consumption | 550 W × 2 |
| | Package Dimensions | 1U 830 mm (W) × 830 mm (D) × 222 mm (H) |
| | Gross Weight (With Package) | 21 kg |

▪ Available Model

DS-IE1064-03U/BA(A7),

▪ Dimension



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