

EZStation 3.0 Datasheet

EZStation 3.0

Features

- Unified management for Uniview's encoding devices, decoding devices, cloud devices, network keyboards, and access control devices, etc.
- Efficient device management: automatic device discovery (or search by network segment); add devices by IP address/domain name; add devices by EZDDNS; add devices and sync device time in batches.
- Diverse functions:
 - Live view: scene, split screen, auxiliary screen display, corridor mode, sequence display, instant playback, fisheye dewarping
 - Recording: local recording, scheduled recording, recording download
 - Playback: synchronous/asynchronous playback, smart recording playback, event recording playback, and VCA recording playback, search recordings, play back recordings on SD card
 - PTZ control: preset, preset patrol, recorded patrol, auto guard
 - Audio: camera audio, two-way audio
 - Alarm: service alarm (event alarm, VCA alarm), device alarm (online/offline, etc.), alarm linkage (live view, etc.), real-time/history alarm management
 - People counting: people flow counting in a specific area, crowd density monitoring, export statistics by week/month
 - E-Map: hot spot, hot zone, eagle eye, live video, map alarm, e-map of cloud devices
 - Video wall: live view, sequence display and playback on video wall, alarm to video wall, open window(s) by one click, open window(s) by coordinates, auto-bind decoding channel, multi-window for one decoding channel, save and switch scene, small pixel pitch LED, virtual LED
 - Perimeter protection: real-time monitoring, report perimeter alarms in real time, search alarm videos and images of cross line detection, intrusion detection, enter area detection, and leave area detection
 - Face detection: live view image, real-time face snapshot and comparison, alarm records, face library management and monitoring tasks, body temperature measurement, Smart detection, search and export NVR records, search pass-through records by images
 - Access control: remote door opening, Smart detection alarm, abnormal body temperature alarm, search and export entry/exit

records

Specifications

Model	SWP-EZStation-Mac	SWP-EZStation 3.0
Management		
Ordinary Video Channel	512	
Decoding Device	32	
Encoding Device (IPC, NVR)	64	
Access Control Device	32	
Video Wall	20	
People Counting Group	20	
Channels Per People Counting Group	128	
Device Management		
Device Management	Device discovery (auto discovery, specify network segment) Add devices by IP address/domain name/EZDDNS Cloud device management (add, edit, delete and share) Group devices, view device status, restart device, sync device time with PC time Remote configuration (image parameters, encoding parameters, OSD) Fisheye camera supported	
Live View		
Live View Screen Layout	1 / 4 / 5 / 6 / 8 / 9 / 10 / 13 / 16 / 17 / 25 / 32 / 36 / 64 split view 1 / 4 / 9 / 16 / 25 default view and custom view 3 auxiliary screens Custom layout	
PTZ Control	Pan, tilt, zoom, shortcut PTZ, focus, preset, patrol, 3D positioning, IR control, wiper control, heat control, snow removing, auto guard Note: Actual functionality may vary depending on device capability.	
Live View Audio	Camera audio, two-way audio Note: Actual functionality may vary depending on device capability.	
Live View	Group display, sequence display, snapshot, continuous snapshot, digital zoom, scene, instant playback, local recording, default and custom view, custom stream, corridor mode, manual alarm, window maximization, alarm output control	
Playback		
Playback Recording	Play back recording from NVR and SD card Play back POS recording 16-ch (Async)/16-ch (Sync) playback Display recording status on a calendar Recording in .ts, .mp4 format	
Playback	Local recording, scheduled recording, play back recording by type (normal recording, event recording, VCA recording, smart recording), download recording by file/time, snapshot, digital zoom, -16x~16x speed for forward and backward, audio, instant playback, play back local recordings, smart playback, playback by image, playback by frame, playback in default/custom	

	view
Alarm	
Alarm Type	Multiple alarm types
Alarm Linkage	Live view, recording, email, preset, sound, etc. Trigger other IPCs
Alarm Records	Alarm level filter Real-time alarm info display and acknowledge, and alarm video preview History alarm display/acknowledge/search
Video Wall Function	
Video Wall Configuration	Auto-bind decoding channel Control by power distribution box Small pixel pitch LED Local video source
Virtual LED	Multiple virtual LEDs Edit font, transparency, background color, font spacing, font alignment, scrolling mode, scrolling speed
Window Operation	Open window by one-click or coordinates Roam, resize, and snap window Arrange windows by split ID Lock/unlock window
Video Wall Operation	Play live view/playback, sequence resource on video wall, and alarm to video wall
E-Map	
E-Map Format	PNG/JPEG/BMP
Map Alarm	Alarm flash, search and acknowledge
E-Map	Hot spot, hot zone, map zoom in/out, eagle eye, alarm output control Supports Uploading a Maximum of 20 Images; up to 7 layers of maps are allowed.
People Counting	
People Counting Realtime Statistics	Form a counting area with multi-cameras to count people coming in/out/remaining, and monitor crowd density in real time Note: People counting camera must be connected to EZStation via an NVR.
People Counting Report Statistics	People flow counting in a specific area Statistics by minute/hour/day/month, statistics of the day, last 7 or 30 days Display statistics in a bar chart, line chart or table, show statistics at a specified time point Export data to a CSV file
Perimeter Protection	
Perimeter Protection Realtime Monitoring	View live videos (up to 4 cameras), and view alarm records in real time
Perimeter Protection Functions & Features	Play and download 10s VCA alarm recording saved on NVR (5s before and 5s after a VCA alarm) View and download VCA alarm images saved on NVR Export search results Note: Currently only supports cross line detection, intrusion detection, enter area detection, and leave area detection.
Face Petection	

Face Detection Configuration	<p>Change temperature unit, configure Smart detection alarm and abnormal body temperature alarm</p> <p>(1) Convert between Celsius and Fahrenheit</p> <p>(2) Alarm parameters: enable Smart detection alarm, body temperature alarm, abnormal temperature threshold, alarm sound, alarm-triggered pop-up window, alarm-triggered email</p> <p>Configure face attribute display information, including face match/not match/snapshot display information</p>
Face Detection Realtime Monitoring	<p>View live images from up to 4 cameras, view snapshots and real-time face detection alarms</p> <p>Detect abnormal body temperature and Smart detection status</p> <p>Note: Alarms will be reported only if the corresponding monitoring task has been configured.</p>
Face Library Management	<p>Add, delete face library, edit face library name</p> <p>Add face data in batches, edit, delete, import and export face data</p> <p>Filter face data by name, ID number and gender</p>
Face Detection Monitoring Task	<p>Monitor using a face library and report alarms</p> <p>Set task name, alarm type (match alarm, not match alarm, all), choose face library to be used for a monitoring task, and set alarm threshold</p>
Face Detection Alarm Records	<p>Search face match/not match alarm records from NVR</p> <p>Search alarm records of a device with criteria such as monitoring type, alarm time, name, ID number, and similarity</p> <p>Quick adding of strangers to face library, view original snapshot</p> <p>Export search records</p>
Pass-thru Records	<p>Search pass-through records from NVR</p> <p>Search pass-through records of a device by alarm time</p> <p>Quick adding of strangers to face library, view original snapshot</p> <p>Export search records</p>
Search By Image	<p>Search pass-through records by a face image for similar faces</p> <p>Search images with criteria such as face image, time and similarity</p> <p>Search by a library image or local image</p> <p>Search the alarm video before and after the alarm event</p>
Access Control	
Access Control Configuration	<p>Add access control devices (filter, time sync, open Web page)</p> <p>Change temperature unit, configure Smart detection alarm and abnormal body temperature alarm</p> <p>(1) Convert between Celsius and Fahrenheit</p> <p>(2) Alarm parameters: enable Smart detection alarm, body temperature alarm, abnormal temperature threshold, alarm sound, alarm-triggered pop-up window, alarm-triggered email</p>
Access Control Person Management	<p>Add, delete face library, edit face library name</p> <p>Batch add faces to face library, delete and edit personal information, import/export, template download</p> <p>Search personal information by name and ID number</p>
Access Control Realtime Monitoring	<p>Live view (up to 4 cameras), remote door opening, real-time pass-through records</p>
Access Control Entry/Exit Records	<p>Search entry/exit records of a device with criteria such as time, wearing or not wearing Smart detection, body temperature range, name, IC card number</p>

	<p>Quick adding of strangers to face library, view original face snapshot image</p> <p>Export search records</p>
User Management	
User Management	Add, edit and delete user, search user
User Level	Super administrator, administrator, operator
User Information	<p>User name, password, user level, permissions</p> <p>Different default permissions for different user levels</p> <p>Assignable permission(s) of each user</p>
Operation Logs	
Log Search	<p>Search logs using criteria, view details, export user operation records</p> <p>Log records include usernames, operation details, and results</p>
System Configuration	
Audio & Video	<p>Configure video play mode, stream type, processing mode, stream transmission protocol</p> <p>Play main stream in maximized live view window</p> <p>Enable shortcut PTZ control, VCA rule, and GPU mode</p> <p>Configure snapshot mode, continuous snapshot interval, number of continuous snapshots, snapshot format, image save path</p> <p>Configure format and save path for local and downloaded recordings</p> <p>Configure storage policy, recording space, and recording file size</p> <p>POS display position, font size, font color, and duration</p>
System	<p>Enable auto login to EZStation/Windows</p> <p>Set retention period for operation/alarm log</p> <p>Import and export configuration</p>
Operation	<p>Set alarm duration, alarm recording start and end time</p> <p>Enable auto time sync, set synchronization interval</p> <p>Configure SMTP server and email address used to send/receive emails</p> <p>Epidemic control: configure temperature unit, Smart detection, body temperature measurement, abnormal body temperature threshold and others</p> <p>Configure face attribute display information, including face match/not match/snapshot display information</p>
System Requirement	
EZStation 3.0 64-bit	<p>Operating System: Microsoft Windows 7/Windows 8/Windows 10 (64-bit)</p> <p>CPU: Intel Core i5 3.1 GHz or higher</p> <p>Memory: 4GB or higher</p>
EZStation 3.0 32-bit	<p>Operating System: Microsoft Windows 7/Windows 8/Windows 10 (32-bit or 64-bit)</p> <p>CPU: Intel Pentium IV 3.0 GHz or higher (4Cores, 3.0 GHz recommended)</p> <p>Memory: 4GB or higher</p>
EZStation 3.0 Mac	<p>Operating System: Mac OS 10.11 or higher</p> <p>CPU: Intel Core i5 3.1 GHz or higher, Apple M1</p> <p>Memory: 4GB or higher</p>

Unlimited New View

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