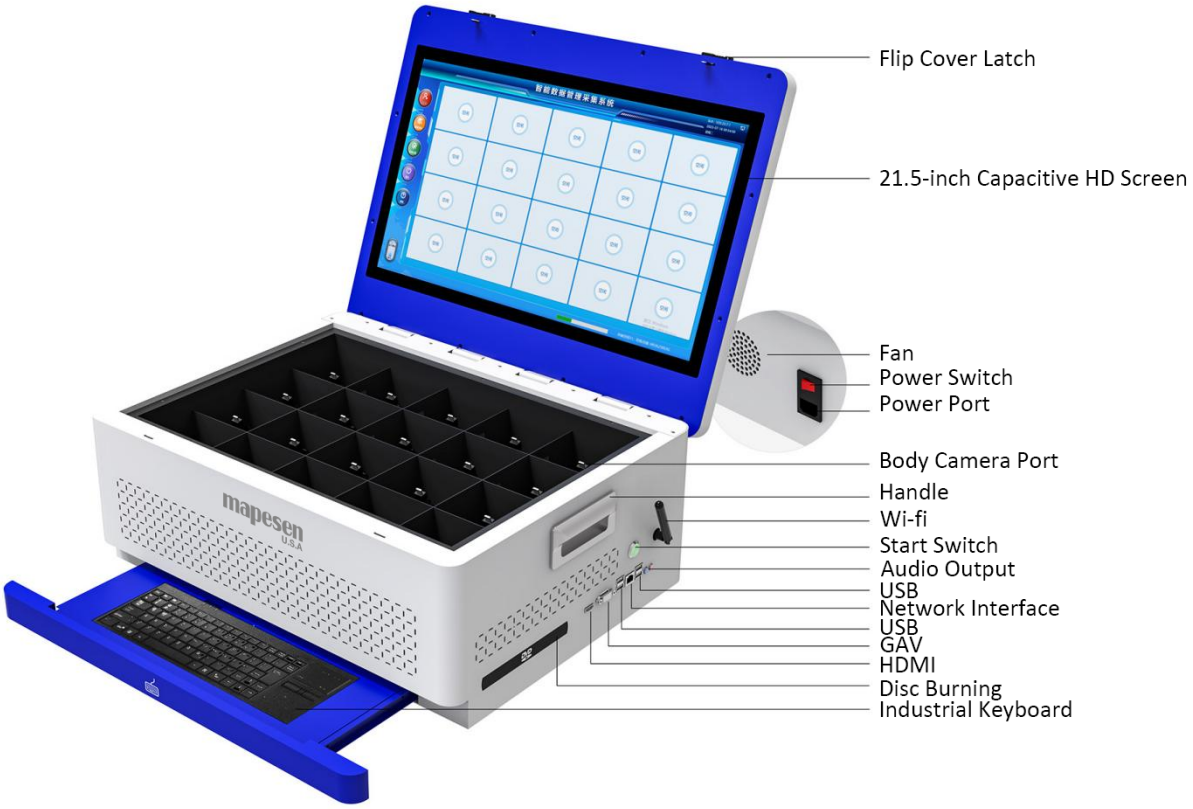
DC-MPSG20

Desktop Docking Station



Model Number	DC-MPSG20
Specifications	
Appearance & Structure	Integrated desktop structure; flip-up display design. Made of 1.2mm cold-rolled steel plate with sheet metal processing and anti-static coating.
Dimensions	550*420*270mm
Display Screen	21.5-inch LCD
Touch Screen	21.5-inch capacitive multi-touch screen
Resolution	1920*1080
Brightness	250cd/㎡
Quantity of Acquisition Ports	Supports simultaneous data acquisition for 20 body worn cameras
Port Specification	High-strength retractable spring cables, compatible with Mini, Type-C and Micro interfaces
Port Voltage & Current	Single-channel charging current: 1.5A; full-load current: 1.0A; voltage: 5V
Motherboard	Mainboard with H110 chipset

Processor	Intel Core i3-6100, 3.7GHz
RAM	DDR4 4G
System Disk	SSD 128G
Storage Disk	Standard equipped with 4TB surveillance-class hard drive
Hard Drive Bays	4 hard drive bays
Power Supply	DC12V 16.5A 200W
Network Interface	Gigabit RJ45 port
Peripheral Interfaces	USB2.0*2
Speaker	8Ω5W
Keyboard & Mouse	Integrated keyboard with industrial trackball mouse for responsive operation
Operating System	Windows 7/Windows10
System Software	Body Worn Camera Data Acquisition & Management System V20 Comprehensive Data Management Platform for Body Worn Cameras V20 (Standalone Version)
System Functions & Applications	
Dual Control Modes	Supports both touch control and keyboard/mouse operation to accommodate different users.
Automatic Data Acquisition	Data will be automatically collected once a body worn camera is connected. Data is classified and stored by police ID, device ID and acquisition date, and bound to the corresponding police officer.
Simultaneous Acquisition	Supports simultaneous data acquisition and charging for up to 20 body worn cameras.
Information & Status Display	Each acquisition port has an independent number. If no camera is connected, the port status shows idle. After successful connection, the system automatically displays the camera's user ID, device ID, username, department, data acquisition progress, battery level and total data size on the interface. The system can also display total storage capacity, system time, network status and working mode of the acquisition station.
System Logs	The system automatically generates operation records for traceability.
Automatic Data Overwrite	Administrators may set a data retention cycle. Upon expiry, expired data will be automatically deleted or overwritten. Marked important files are exempted from deletion and overwriting.
Resume Transmission after Power Interruption	If acquisition is interrupted unexpectedly, the system resumes collecting data and automatically completes corresponding video files to guarantee data integrity and uniqueness.
Automatic Charging	The body worn camera is charged during data acquisition. For cameras complying with GA/T947-2015 Single Police Law Enforcement Audio and Video Recorder, the system automatically detects and displays battery level.
Hard Disk Switch Management	When one hard disk is full, the system automatically switches to the next disk to realize automatic storage expansion.
Body Worn Camera Compatibility	Supports all models and brands of law enforcement recorders conforming to GA/T947-2011 Single Police Law Enforcement Audio and Video Recorder.

Automatic Time Synchronization	The system automatically calibrates the time of connected cameras during data acquisition and charging to ensure accurate timestamp.
High-Speed Data Upload	When collecting data from multiple cameras (up to 20 units), the acquisition speed of single device reaches 10MB/s.
Priority Upload	In emergency scenarios, single camera can be set for priority acquisition with speed up to 15MB/s for fast uploading.
Data Retrieval	Users can log in to their accounts to view, mark, download and delete videos, audios, photos and logs.
Voice Broadcast	Voice prompts will be triggered when data acquisition starts, completes or other system operations are executed.
Physical Position Mapping	Acquisition windows on the system interface correspond one-to-one with physical ports on the workstation for easy camera identification.
File Marking	Users can set file priority levels after uploading: Normal, General, Important, etc.
Colorful Ambient Lighting	Built-in 7-color LED ambient lights to improve operation experience.
Hard Disk Full Alarm	The system triggers an alarm when storage hard disk is full.
Network Abnormality Alarm	Automatic alarm is activated upon network disconnection or communication failure.
System Logs	The system automatically generates operation records for future traceability.
Permission Management	Supports user management including creation, authorization, information editing, deletion and query. It adopts hierarchical user management and permission authentication, and different user levels are assigned distinct management privileges.
Automatic Data Deletion & Overwrite	Administrators can set the data retention cycle. Expired data will be automatically deleted or overwritten upon cycle expiry, while marked important files will be retained.
Body Worn Camera Binding & Registration	Two registration modes are available: Manual Mode and Automatic Mode. Manual Mode: When a body worn camera is connected, the system automatically reads its device ID and police ID and verifies registration status. Unregistered devices require authorization from administrators to complete binding. Automatic Mode: The system automatically allocates information and completes binding registration when a body worn camera is connected.