

HikCentral-Workstation/HW7L/32Ch(C) VMS Workstation



- The tower workstation combines powerful functions with a compact design, which can be used as a server and control client at the same time.
 - 1) Four-screen independent output for efficient management
 - 2) Integrated GPU supports great decoding capability
- All-in-one software and hardware, no activation required, easy delivery and reliable service.
 - 1) Guaranteed compatibility: Tested by professional testing team to ensure stable operation
 - 2) Reliable after-sales service: 24/7 platinum after-sales service

▪ Specification

Software Specification	
Video Management	32ch by default, can be expanded into 256ch (Including ANPR Cameras and Cameras with Face Capture Function)
Access Controls	4ch by default, can be expanded into 32ch (Including Doors and Outdoor Station)
Indoor Station	Not included, can be expanded into 32
ANPR Cameras	Not included, can be expanded into 32
Lanes of Entrance & Exit	Not included, can be expanded into 32
Cameras with Face Capture Function	Not included, can be expanded into 32
Alarm Panel	Not included, can be expanded into 32
Smart Walls	Not included, can be expanded, best performance : Smart Walls: 4; Decoding devices: 4
Attendance	Not included, can be expanded by extra license
Performance	
Storage of Events or Alarms without Pictures	15/s
Events or Alarms Sent to Clients	15/s, 15 Client/s (Including Control Clients and Mobile Clients)
Picture Storage	15/s (Including event/alarm pictures, face pictures, and vehicle pictures)
Vehicle Passing Frequency in Each Lane	1 Vehicle/s
Data Retention Period	Stored for 6 Months
Decoding Performance	
4CIF (704*576)/H.264/1024 kbps * 30 fps	Maximum Hardware Decoding Channels: 62 Maximum Software Decoding Channels: 42
4CIF (704*576)/H.265/512 kbps * 30 fps	Maximum Hardware Decoding Channels: 62 Maximum Software Decoding Channels: 42
720P (1280*720)/H.264/2048 kbps * 30 fps	Maximum Hardware Decoding Channels: 42 Maximum Software Decoding Channels: 24
720P (1280*720)/H.265/1024 kbps * 30 fps	Maximum Hardware Decoding Channels: 42 Maximum Software Decoding Channels: 24
1080P (1920 × 1080)/H.264/4096 kbps * 30 fps	Maximum Hardware Decoding Channels: 32 Maximum Software Decoding Channels: 16
1080P (1920 × 1080)/H.265/2048 kbps * 30 fps	Maximum Hardware Decoding Channels: 32 Maximum Software Decoding Channels: 16
4 MP (2560 × 1440)/H.264/8192 kbps * 30 fps	Maximum Hardware Decoding Channels: 24 Maximum Software Decoding Channels: 10
4 MP (2560 × 1440)/H.265/4096 kbps * 30 fps	Maximum Hardware Decoding Channels: 24 Maximum Software Decoding Channels: 10

8 MP (3840 × 2160)/H.264/16384 kbps * 30 fps	Maximum Hardware Decoding Channels: 12 Maximum Software Decoding Channels: 5
8 MP (3840 × 2160)/H.265/8192 kbps * 30 fps	Maximum Hardware Decoding Channels: 12 Maximum Software Decoding Channels: 5
6 MP (2560 × 2560) /H.264/12288 kbps * 30 fps	Maximum Hardware Decoding Channels: 18 Maximum Software Decoding Channels: 8
6 MP (2560 × 2560) /H.265/6144 kbps * 30 fps	Maximum Hardware Decoding Channels: 18 Maximum Software Decoding Channels: 8
12 MP (4000 × 4000)/H.264/16384 kbps * 20 fps	Maximum Hardware Decoding Channels: 10 Maximum Software Decoding Channels: 4
12 MP (4000 × 4000)/H.265/8192 kbps * 20 fps	Maximum Hardware Decoding Channels: 10 Maximum Software Decoding Channels: 4
Hardware Specifications	
CPU	i7-12700, 2.10 GHz, 25 MB Cache, 12 Cores, 20 Threads
Memory	Standard Config: 2 × 8GB UDIMM, 3200MT/s Scalability: 4 × 32GB UDIMM
Hard Disks	Standard Config: 1 × 1TB M.2 SSD Scalability: 1 × 4TB 3.5inch SATA HDD
Supported Operating Systems	Win10 multilingual version pre-installed
Graphic Card	Standard Config: UHD Graphics 770 (intergrated in CPU) Scalability: 1 × Semi-high Independent graphics card (Please contact technical support for more info.)
PCIe Slots	1*PCIe 4.0 x16 Slot 1*PCIe 4.0 x4 Slot
Ports	
Type-C	1
USB 3.0	1 (Front) +3 (Rear)
USB 2.0	2 (Front) +2 (Rear)
Universal Audio Port	1
Ethernet Port	1 x LAN 10/100/1000
VGA	/ (HDMI port can be used as VGA port)
HDMI	1
DP	3 (DP port can be used as HDMI port)
General	
Net Weight	5.63 kg (12.42 lb)
Gross Weight	6.72 kg (14.81 lb)
Dimension (W × H × D)	92.60 mm × 290.00 mm × 292.80 mm (3.65" × 11.42" × 11.53")

Package Dimensions (W × H × D)	394.00 mm × 264.00 mm × 487.00 mm (15.51" × 10.39" × 19.17")
Operating Temperature	5 °C to 45 °C (41 °F to 113 °F)
Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Operating Humidity	20% to 80% (no condensation)
Storage Humidity	5% to 95% (no condensation)
Power Supply	300 W PSU, 92% Energy efficiency, 80 Plus Platinum
Form Factor	Tower SFF

▪ Available Model

HikCentral-Workstation/HW7L/32Ch(C)

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