

Workstation 3 Rack-Mount

Workstation, 4 RU Rack-Mount, 10-Core 3.7GHz CPU, 16 GB DDR4 RAM, 256 GB SSD, 1x Graphics Card, 1x GPU Card for Decoding up to 30 or 60 (Pro Version) HD Streams, 2x Power Supply



The **Workstation 3 Rack-Mount** is equipped with a powerful 10-core CPU and 16 GB DDR4 RAM. In conjunction with the integrated license for the **Windows 10** operating system, it is an optimal and versatile platform for use in security control centers.

Panomera®

The extremely powerful and perfectly matched hardware components are ideal for use with **Panomera® multifocal sensor systems**. Equipped with a high-performance GPU card, Panomera® streams can be decoded and displayed almost **in real time**.

SeMSy®

In combination with the corresponding software the **Workstation 3 Rack-Mount** can be used in the **SeMSy® Video Management System** as a SeMSy® Workstation for convenient operation of the entire system. The **Workstation 3 Rack-Mount Pro** is equipped with an even more powerful decoder and is particularly suitable for use as a SeMSy® Variodecoder.

SeMSy® Compact

The **Workstation 3 Rack-Mount** is equipped with a powerful graphics card that allows the connection of several monitors. In combination with **SeMSy® Compact**, larger workstations with up to three monitors can be realized for the evaluation of recordings via the network.

Features

- Microsoft Windows¹⁾ 10 Pro 64 Bit operating system
- 10-core CPU with 3.7GHz
- 16 GB DDR4 RAM
- SSD with 256 GB (M.2) for operating system included
- One powerful GPU card for decoding included
- Standard version for decoding up to 30 HD streams
- Pro version for decoding up to 60 HD streams
- Compatible with VMC-2 and VMC-3
- Rack mount housing 4 RU (short depth)
- Two redundant power supplies included
- Keyboard and mouse (black) optional

1) Microsoft and Windows are trademarks or registered trademarks of Microsoft Corporation headquartered in Redmond, Washington, USA

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Workstation	
	007472 Workstation 3 Rack-Mount Workstation, 4 RU rack-mount, 10-core 3.7 GHz CPU, 16 GB DDR4 RAM, 256 GB SSD, 1x GPU card (30 streams), 1x graphics card for up to 3x Full HD displays or 1x 4K display, 2x power supply, without HDDs, license for Microsoft Windows 10 Pro included
	007314 Workstation 3 Rack-Mount Pro Workstation, 4 RU rack-mount, 10-core 3.7 GHz CPU, 16 GB DDR4 RAM, 256 GB SSD, 1x high performance GPU card (60 streams), 1x graphics card for up to 3x 4K displays, 2x power supply, without HDDs, license for Microsoft Windows 10 Pro included
Options Hardware	
	007521 HDD 2000 GB, SATA, 3.5"
	007305 HDD 4000 GB, SATA, 3.5"
	008445 HDD 6000 GB, SATA, 3.5"
	007914 HDD 8000 GB, SATA, 3.5"
	007988 HDD 10000 GB, SATA, 3.5"
	008204 HDD 12000 GB, SATA, 3.5"
	007800 HDD 14000 GB, SATA, 3.5"
	007801 HDD 16000 GB, SATA, 3.5"
	008055 HDD 18000 GB, SATA, 3.5"
	008723 HDD 20000 GB, SATA, 3.5"
	004906 DPM-600 W Power supply module 600 W, 110/240 V AC, 50/60 Hz
	006263 Keyboard and Mouse (USB) 1x keyboard, USB, 1.7 m cable (black), 1x mouse, optical, USB, 1.8 m cable (black)
Services	
004845	DSI - System Setup Assembly (hard disks, memory modules, controller, firmware), RAID system setup, installation and update of the operating system including drivers, software installation, system tests (run-in)
003692	DSI - FAT System Customizing Collection of project-specific requirements, individual adaptation and configuration of the system
004905	DSI - 3rd Party Workstation Evaluation (Daily Rate) Verification of 3rd party workstation compatibility, performance test, burn-in test (24h), incl. test report (without long-term test)

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Components	
CPU	10-core 3.7 GHz
RAM	16 GB
Hard disk drives	5× removable frames included 5× 3.5" SATA HDD optional 1× 3.5" M.2 SSD 256 GB included (only for operating system)
Drive bays	2× 5.25" and 1× 5.25" with 3.5" adapter
RAID level	RAID 1 (for HDDs only)
Fan	1× front side with 90 mm 2× rear side with 80 mm
Power supply	2× highly efficient modules (80PLUS Platinum), redundant, 600 W

Interfaces	Workstation 3 Rack-Mount	Workstation 3 Rack-Mount Pro
Monitor OUT	1× graphics card (dual-slot) with 3× DisplayPort 1.4 1× HDMI 2.0b	1× graphics card (single-slot) with 3× DisplayPort 1.4 1× USB-C (with DisplayPort adapter)
Decoding	1× GPU card (single-slot)	1× high performance GPU card (single-slot)
Performance Decoding	up to 30 HD video streams	up to 60 HD video streams
Audio OUT	1× optical S/PDIF port	
Audio IN/OUT	5× 3.5 mm phone jack (8-channel)	
USB	6× USB 3.1 Gen. 1 type A 1× USB 3.1 Gen. 2 type A 1× USB 3.1 Gen. 2 type C 3× USB 2.0 type A 1× USB 2.0 type A (mainboard function USB BIOS Flashback)	
Ethernet	2× RJ45, 10/100/1000 Mbps	

Electrical Data	
Voltage supply	115-230 V AC ±5%, 50/60 Hz
Power consumption	Max. 600 W
Thermal output	Max. 2047 BTU/h

Mechanical Data	
Dimensions (W × H × D)	Approx. 437 × 178 × 521 mm (17.2" × 7.0" × 20.5")
Weight	Approx. 21 kg (46 lb) with two hard disk drives
Color	Black

Ambient Data	
Temperature	+5°C up to +35°C (41°F - 95°F)
Recommended temperature	+20°C up to +25°C (68°F - 77°F)
Humidity	5 - 70% RH, non-condensing
Atmospheric load	Dust-free

Software	
Operating system	License for Microsoft Windows 10 Pro 64 Bit (Build 1903) (not pre-installed)
OS language	English (others on request)

Approvals and Certifications	
Type	CE, UL, FCC, RCM

