

DS-WSELI-T4/16H Series Workstation



Introduction

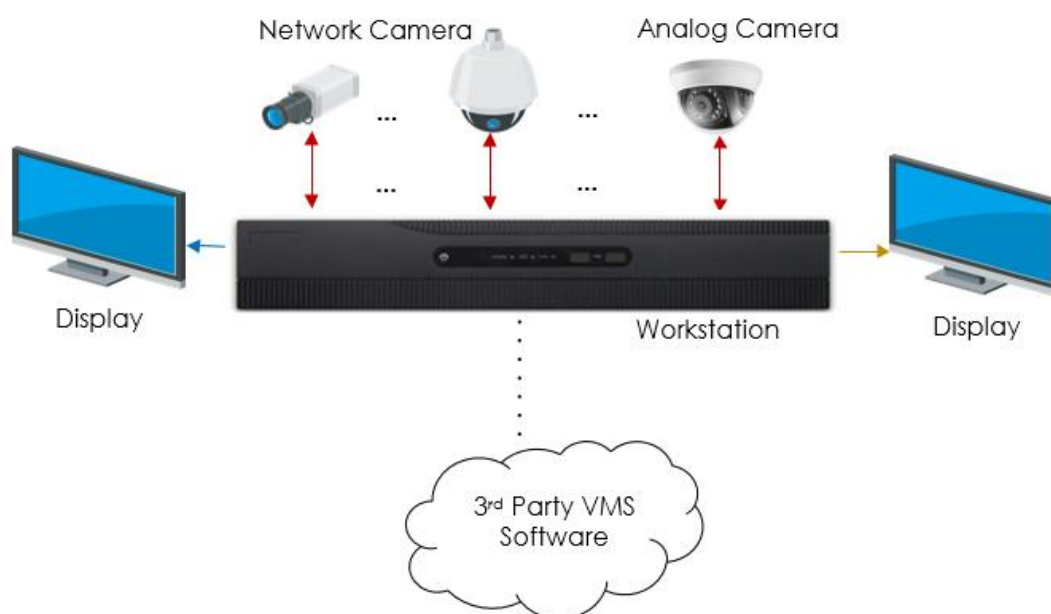
Embedded with the Linux operating system, the DS-WSELI-T4/16H Series Workstation provides well performance in CPU processing, encoding, decoding, and storage capability. It allows the integration of the Hikvision hardware and the third-party VMS software to maintain a flexible one-stop solution.

The DS-WSELI-T4/16H workstation can be applied to the small-scale chain management with convenient remote centralized storage.

Key Features

- High stability and reliability
- Network/analog cameras are connectable
- Compact and flexible structure design
- Linux operating system
- Allow installing or integrating with the third-party VMS software
- mSATA SSD available for operating system and software installation
- 2 HDMI outputs at up to 4K resolution

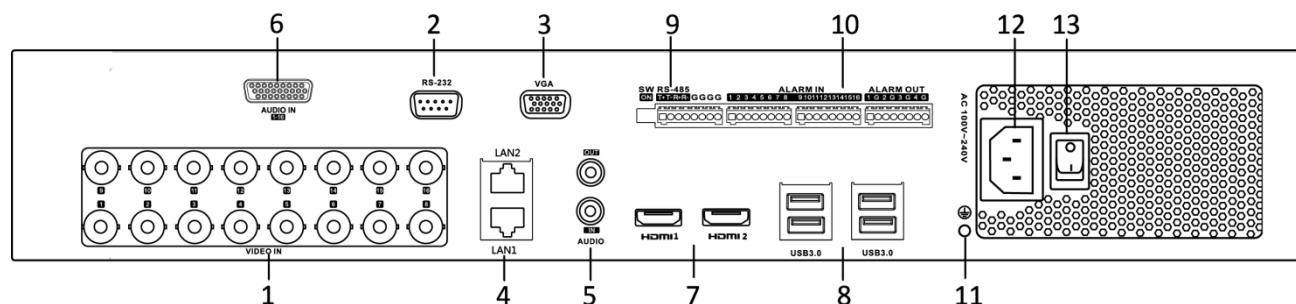
Typical Applications



Specifications

Model		DS-WSELI-T4/16H
System	Processor	Intel® Celeron® Processor J3455 (2M Cache, up to 2.3 GHz), 64 bit, 4 Core
	Memory	DDR3L, 4GB
	Graphics card	Intel® HD Graphics 500
	Operating system	Ubuntu Linux 16.04
Storage	System disk (OS, VMS)	mSATA 32GB Optional: mSATA 64GB
	SATA interface	4 SATA interfaces 1TB/2TB/3TB/4TB/5TB/6TB/8TB/10TB capacity for each disk
Video/Audio input	Video encoding	H.265+/H.265/H.264+/H.264
	Analog video input	16-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
	HDTVl input	5 MP (20fps), 4 MP25, 4 MP30, 3 MP18, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25
	AHD input	1080p25, 1080p30, 720p25, 720p30
	HDCVl input	1080p25, 1080p30, 720p25, 720p30
	CVBS input	PAL/NTSC
	Audio input	16-ch, RCA (2.0 Vp-p, 1 KΩ)
Video/Audio output	HDMI output	2 ×HDMI interface 4K (3840 × 2160)/60Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	VGA output	1 × VGA interface 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	Audio output	1-ch, 3.5 mm audio connector
	Encoding resolution	5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF
	Frame rate	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
	Video bit rate	32 Kbps to 10 Mbps
	Audio bit rate	64 Kbps
	Dual stream	Support
	Stream type	Video, Video & Audio
	External interface	LAN
USB interface		Front panel: 2 × USB 2.0; Rear panel: 4 × USB 3.0
Serial interface		RS-232; RS-485
Audio input		1-ch, 3.5 mm audio connector
Alarm Input / Output		16/4
General	Power supply	100 to 240 VAC, 50 to 60 Hz
	Consumption (without hard disk)	≤ 65W
	Working temperature	0 to +45° C (+32 to +113° F)
	Storage temperature	-10 to +70° C (+14 to + 158° F)
	Working humidity	10 to 90 % (Non-condensing)
	Storage humidity	5 to 90 % (Non-condensing)
	Chassis	19-inch rack-mounted 1.5U chassis
	Dimensions (W × D × H)	445 × 400 ×71 mm (17.5"× 15.7" × 2.8")
Weight (without hard disk)	≤ 6 kg (13.2 lb)	

Physical Interfaces



Index	Description	Index	Description
1	Video Input Interface	8	4 × USB 3.0 Interface
2	RS-232 Serial Interface	9	RS-485 Serial Interface, Terminal Switch
3	VGA Output Interface	10	Alarm Input / Output Interface
4	LAN1 and LAN2 Interfaces	11	GND
5	Audio Input / Output Interface	12	100 to 240 VAC Power Supply
6	Audio Input (1-16) Interface (D26 connector)	13	Power Switch
7	HDMI1 and HDMI2 Interfaces		

Distributed by

Available Models

DS-WSELI-T4/16H

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