

**Aesthetic Imaging**

# IntelliStudio<sup>®</sup>

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WITH MIRROR

Technical Specification

Version 1.0



IMAGING EXCELLENCE FROM



## SYSTEM OVERVIEW

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### ***Product Description***

The IntelliStudio® System is a photography and photo-archiving system that uses a digital camera along with external light sources to capture photographs of the patient's exposed skin surface. LED flashes are used as illumination sources for cross-polarized and non-polarized photography options, as well as for video capture. Combining studio quality lighting with smart automation, the IntelliStudio facilitates image capture to ensure standardized facial and body photography. The motorized, programmable lift controls height consistency which, combined with Canfield's MatchPose® image capture and management tool, helps ensure registered before and after images. In addition, the IntelliStudio offers integrated video capabilities with LED lighting, including record, playback, and zoom capabilities.

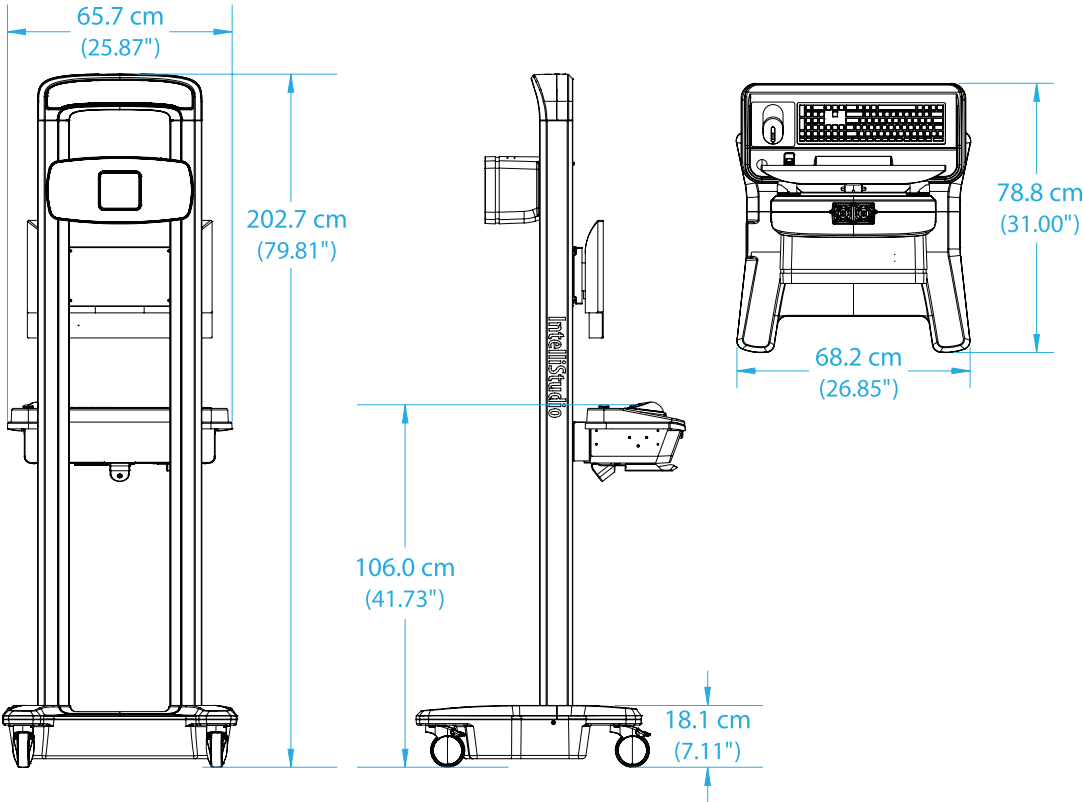
### ***Intended Use***

The IntelliStudio System is intended to aid medical and aesthetic clinicians in documenting and evaluating the skin surface and body shape of patients. Non-polarized and cross-polarized images and videos are used to visualize baseline conditions and to compare changes between timepoints.

The IntelliStudio system is not intended to treat or diagnose skin disorders or diseases.

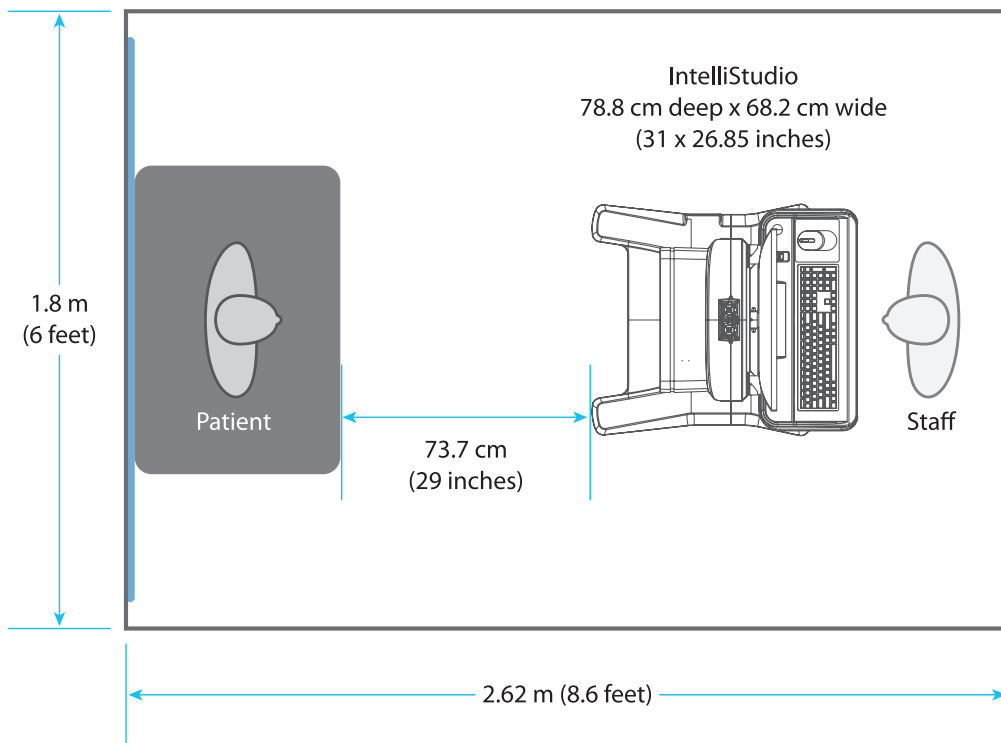
SYSTEM MEASUREMENTS\*

\*Measurements subject to change



## FACILITY REQUIREMENTS

### *Minimum System Space Requirements*



**Minimum ceiling height:** 2.3 m (7.5 feet)

## SPECIFICATIONS

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### ***IntelliStudio system weight***

Without extra monitor: 88 kg

With optional extra monitor: 95 kg

### ***System power, fuse and cord ratings***

- **Power** 100–120VAC 50/60HZ or  
220–240VAC 50/60Hz
- **Fuse** F10AL 250V
- **Power cord** for 120VAC system: 10A 125VAC  
for 230VAC system: 10A 250VAC

Power cord must comply with local and federal regulations and be approved for medical device usage.

### ***Class 1 Laser Product***

IEC 60825-1: 2014

Max output of laser radiation is less than 10mW

### ***Capture Computer***

- Dell OptiPlex with 24" touch screen display
- CPU: Intel i9 10 core CPU
- RAM: 32 GB RAM
- Storage: 2TB M.2 NVMe SSD
- GPU: NVIDIA GeForce GTX 1650
- Keyboard and mouse
- Windows 10 64 bit Pro

### ***Network Requirements***

- 1 Gbps connectivity (or higher)  
(Wi-Fi / wireless is ***not supported***)

### ***Additional Facility Considerations***

- IntelliStudio comes equipped with image capture lighting. Normal office lighting is needed for patient positioning. No additional lighting is needed.
- If not using Canfield supplied backdrop, the recommended paint color for the wall behind patient: Home Depot Behr 550D-5 Ocean Cruise—Flat Finish

## **OPTIONAL EQUIPMENT (NOT SUPPLIED)**

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### ***Additional Workstation Recommendations (not supplied)***

- Operating system: Windows 10 or 11 Professional, 64 bit  
***NOT SUPPORTED:*** Windows Home Edition, Windows VISTA
- Processor: 2.2Ghz Quad Core i5, 7th Gen or higher
  - Intel i7 7th Gen or higher, recommended
  - AMD CPUs ***not supported***
- GPU: If workstation will also be used to view 3D images, a 2GB GPU is required (Nvidia recommended)
- System memory (RAM): 32 GB or greater
- Minimum 2 GB available disk space for installing application
- Minimum 1 TB available disk space recommended for data
- Display: 1920 x 1080 minimum, 2560 x 1440 recommended (4K displays not currently optimized)
- Microsoft Security Essentials anti-virus software recommended
- Wired printers (recommended for speed)
- 1 Gbps Ethernet connection for networking (Wi-Fi / wireless is ***not supported***)

***Server / Network (not supplied) Minimum Recommendations***

- Windows Server 2016 64-bit, Server 2019 64-bit
- Microsoft SQL Server 2016, 2017 and 2019 (Express edition is installed by default)
- 2.2 GHz or faster processor
- 16GB system memory (RAM)
- 1 Gbps wired LAN connectivity (Wi-Fi not supported)
- 1 Terabyte HDD minimum recommended. *Space required is dependent upon patient volume, camera used, and settings.*
  - **On average, 1 TB per 1100 patient sessions is required.**
  - NAS and virtual servers *are* supported
- RAID 1 — NOT SUPPORTED
- Regularly scheduled backups are highly recommended

**Notes**

- You are ***not required*** to purchase a server for DermaGraphix® or Mirror® to operate.
- We do not support using a server class OS as a workstation.
- Workstation based cloud licensing

## **technical support**

[support@esthetec.com](mailto:support@esthetec.com)



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