

# AMiS Thermography Cart



## Features

- Highly integrated computer and power cart solution for medical applications
- All-In-One Touch Computer or Embedded PC with Intel Core i CPU for high performance
- 10-hour battery runtime with 420Wh power supply
- 30kg load capacity with motorized height adjustment
- Medical-grade certification compliance
- IPX1 rated for superior infection control
- 160 x 120 resolution in thermal channel, high sensitivity sensor
- Reliable temperature exception alarm function
- 3D DNR, image detail enhancement

## Introduction

AMiS Thermography Cart is original AMiS-50E medical cart combined with Infection Prevention Solution. Including Thermographic Turret Temperature Measurement Camera and Video AI Facial Recognition Edge. It is capable to discover and track people with higher body temperature among the crowded public area, such as customs, airport, school and hospital for inspection and quarantine.

## Key Functions

### AI Face Detection

Focus measurement areas on human face to reduce false alarms caused by other heat sources( such as teacups)

### Strobe Light & Audio Alarm

Trigger alarms to notify operators immediately when a person with an elevated body temperature passed by

### Bi-Spectrum Monitoring

Provide both thermal and optical image channels apart from temperature measurement

### Integrated Management Software

UCAM-220TT/TB can be connected to Advantech Fever Manager(FSM) and the CMS software bundled can record the face detected information and identification for further management



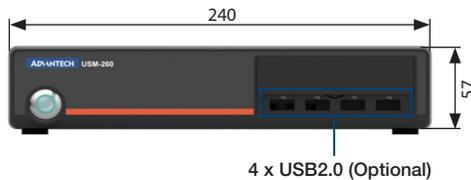
## Cart Specifications

Category	Attribute	AMiS-50E
Base Cart	Footprint	19.7" x 18.5" (500 x 470 mm)
	Casters	125mmx125mm (Anti-Static Medical casters, two locking, two non-locking)
	Height Adjustment Range	34"-45.8"(864-1164mm) Stroke 300mm
	Display Holder	Standard VESA Mount (VESA 75/75; VESA 100/100); Weight capacity: max. 18 kg
	Dashboard	Battery power button Computer power button LED for battery capacity indication
	Work surface	18.5" x 19.3" (469.9 x 489.9 mm) Extra Loading Capacity: Up to 66lb/30kg
	Keyboard & Mouse Area	Keyboard size: Up to 380 x 140 x 25mm Keyboard LED light Mouse tray
Accessory extend Used	Neck: Dove Tail Work Surface: Din Rail (Right, Left and Rear)	
Power Module	Battery Type	Lithium-Ion
	Battery Capacity	420Wh
	Power Input Voltage	100-240Vac, 50-60Hz, Max 4.5A
	DC Output Voltage	System 1: 19 V <sub>DC</sub> , Max. 6 A System 2: 12 V <sub>DC</sub> , Max. 5 A
	Battery Life SPAN	Capacity 80%, 2000cycles or 2 years (Depends on which term come first)
Battery Charge Time	≤ 3Hr 400Wh	
Battery Runtime (Depends on system configuration)	8-10 Hours	
Battery Manager Software	AMiS_Link	Battery capacity indicator Alerts (battery capacity, temperature, warning) Battery Life cycle statistics Report & log file Client Installation Server Installation (Optional) Multi-language support, including Chinese Traditional, Chinese Simple, English, German and Dutch
		Certificate

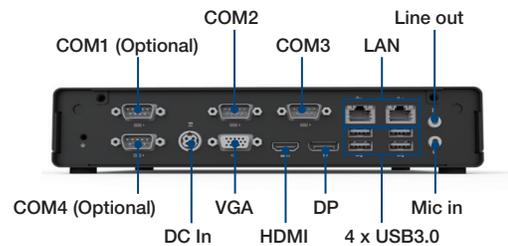
## Computer System Section

Category	Attribute	
All-in-One Computer	CPU	Intel Core i5-7300U 2.6GHz
	Memory	4 GB DDR4 SODIMM
	Storage	2.5" SATA SSD 128GB
	Display	21.5" 1920 x 1080 FHD P-Cap Touch Screen
	WiFi	Intel® Dual Band Wireless-AC 8265
	Speaker	1.5 Watt x 2
	IP Rating	Front Panel: IP65 Entire Computer: IPX1
	Operating System	Win10 IoT

## Fully- Integrated I/O



(W,L,H)=240 x 210 x 57 mm

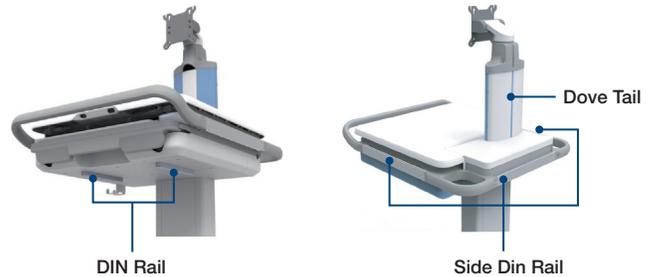


## Dimension Specification



## DIN Rail & Dove Tail

For accessory and device integration



## Ordering Information

### Thermography Cart

Part Number	Motor	Computer	Battery
AMIS-50ETCLM1K2N5C	Yes	-	IPS-M420S

## Bundle Package Information

Part Number	Description
USM-260VFR-G1E-C	Video AI facial Recognition Edge
UCAM-220TT-U01	Thermographic Turret Camera (3mm)

## Peripheral Ordering Information

### Power Cord

Part Number	Power Cord Type (Spiral)
1700019822	China
1700019823	US
1700019824-11	EU
1700019825	UK
1700020538-01	Australia
1700022626-01	Brazil

## Battery

### IPS-M420S Li-ion Battery

