

# PSS - v.01

Portable Security Solution  
for rapid deployment



As safety comes first, it is essential to sustain and develop the most advanced and livable environment for the next generation to ensure life's safety and build a resilient society ready to face all types of hazards, we need to face threats with pensive safety measures, in parallel with compatible instruments, which assure by its perfect deployment, the safest circumference.

This invention can be tailored upon need and requests to provide every single physical security rapid deployment needed for the Oil and Gas sector, Governmental Agencies, large companies, Hospitality, Residential Projects, and temporary events.

This is what Portable Security Solution (PSS) for rapid deployment is all about. It is capable to connect using wireless, fiber, or LAN Cables.

## Main Features

- Portable Security Solution for Rapid Deployment
- Available with a high-end mini-PC with high specs
- 29" ultrawide monitor capable of a split screen option
- Houses needful networking and power components.
- Compatible with Network video recording (NVR) capability.
- Able to run a single platform or multiple security software platforms at the same time.
- Comes with an external keyboard and mouse for the operator's interface.
- Ability to be an all-in-one solution or support multiple fixed FECs or standalone PIUs for expanding the coverage area.
- A Design that meets HCIS requirements and can store data for 30, 60, or even 90 days depending on the customer's requirements.

## Physical Characteristics

The system contains a 29" ultrawide monitor affixed on the top lid of a rugged protector case.

- 4 strong polyurethane wheels with stainless steel bearings
- Retractable extension trolley handle
- Fold down handles
- Easy open double-throw latches

## Operational Advantages

- The portable security solution is a combination of devices with the aim of creating an integrated security device for rapid, temporary, or permanent deployment
- Portable and can be rolled on the polyurethane wheels built into the outer case
- Capable of operating physical security devices via Power over Ethernet or DC current 12Vdc, 24Vdc, 48Vdc
- Includes a computer and a built-in display for use of any command, control, and intelligence software
- Connectable to any type of security device such as cameras, sensors, and radar
- Can be used anywhere anytime if it is indoor
- Capable of connecting an external screen





**The Portable Security Solution for rapid deployment can be deployed by end-users in any site type without prior installation for maximum operational flexibility**

## PSS Key Specifications

### Mini-PC

Intel Core I9-9880H, 1TB SSD  
8 Core, 2.3GHZ, Up to 4.8GHz 32GB RAM  
NVIDIA GTX 1650 Display core

### Monitor

29" 21:9 Ultrawide™ Full HD IPS LED  
Res 2560 x 1080  
Dimension 698.1 x 317.5 x 76.9 mm

### Network Switch

8 built-in PoE+ ports compliant with IEEE 802.3af/at

- Up to 36 W output per PoE+ port

3 kV LAN surge protection for extreme outdoor environments

- 3 kV LAN surge protection for extreme outdoor environments

2 Gigabit combo ports for high-bandwidth and long-distance communication

Metal Housing

- IP Rating IP30

### Electrical Power

Power consumption (Typical/Max)

- 1200W/1700W

Operating Voltage

- 120-230 Vac

### Unit Interfaces

#### Exterior Interfaces

- Ethernet
- 2 USB
- HDMI
- AC Power Socket
- DC Output
  - 48 Vdc, 10A
  - 24 Vdc, 8.3A
  - 12 Vdc, 12.5A

#### Interior Interfaces

- 2 Combo Ports (10/100/1000BaseT(X) or 100/1000BaseSFP+) Full/Half duplex mode
- 8 PoE Ports (10/100BaseT(X), RJ45 connector) Full/Half duplex mode

### Physical

Dimensions:  
31.59 x 20.47 x 12.45 in (80.2 x 52 x 31.6 cm)

Weight:  
20 Kg

### Environmental

Temperature range

- 10° to +50°C

Operating humidity

- 10% to 70%

Ingress Protection

- IP52

