TRUSTED SYSTEMS
Security Made Simple

SIPRGUARD
Endpoint Physical Protection for SIPRNet
Biometric Desktop Access Control

Simple

Secure

Convenient

Compliant

Programming Display — Fingerprint Scanner — PIN Pad — Motion Sensor Auto-disconnect — Off Button

Desktop Module

FEATURES & BENEFITS

SIMPLICITY & CONVENIENCE

➤ Biometric fingerprint & PIN authentication on desktop
➤ Accommodates up to 2,000 users
➤ ON/OFF control of all desktop devices: KVM, VOIP, VTC
➤ Desktop access to SIPRNet without opening IPS Container
➤ Instant SIPRNet access without bootup delays
➤ Scalable for multiuser, multidomain & multimedia

SECURITY & COMPLIANCE

➤ Assures DISA STIG and CCRI compliance
➤ Network devices remain in IPS Container and on-line 24/7
➤ Antiviral patches always up to date
➤ Supplemental to SIPR token login
➤ Local admin & enrollment
➤ Restricts access to network devices inside IPS Container

PERFORMANCE & RELIABILITY

➤ No off-line storage of hard drives, laptops or crypto keys
➤ Consolidates networks, improves availability & readiness
➤ Reduces human intervention by users, techs & guards
➤ Minimal power cycling increases hardware reliability
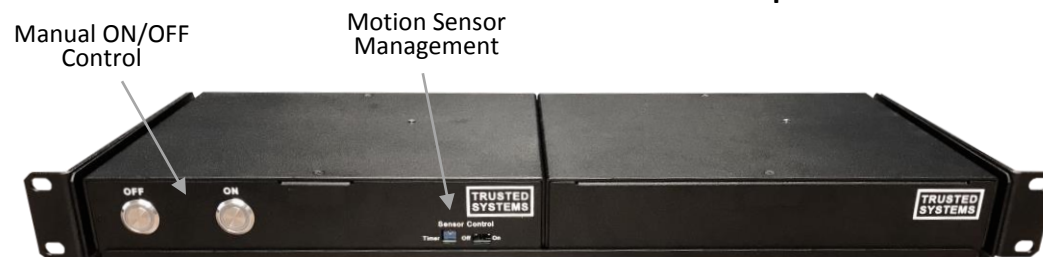➤ On-line 24/7 improves network stability & performance

APPLICATIONS

➤ SIPRNet sites, offices or cafes
➤ Executive/GOQs & offices (with INCOGNITO cabinetry)
➤ Multidomain sites, conference & training rooms
➤ Thin or zero client networks
➤ Mixed nationality environments

Manual ON/OFF Control — Motion Sensor Management

Control Module **Gateway Module**

DESCRIPTION & OPERATION

SIPRGuard streamlines network access from the desktop without compromising security, convenience or performance. It uses two factor (PIN & Fingerprint) authentication to connect the desktop KVM and Ethernet devices to the network equipment mounted inside a Trusted Systems IPS Container (CAA equivalent). This precedes, and is in addition to, the normal SIPR token login without the need to open the IPS Container.

SIPRGuard consists of three modules: Desktop Module, Control Module and Gateway Module, wit the latter two secured inside the IPS Container. Users are enrolled using the Desktop Module. Once the user is validated in the Control Module, signals are transmitted through the Gateway Module to the desktop peripherals. Then, normal SIPRNet token login commences. To disconnect, the user simply removes their SIPR token, presses the OFF button on the Desktop Module and walks away. If the user leaves the desktop without pressing the OFF button, a time-delayed motion sensor kills the circuit automatically. The Control Module supplies power to all other modules, backup manual ON/OFF control and motion sensor management.

TECHNICAL SPECIFICATIONS

Model	Description
TSSPG-BC	Desktop/Control Modules
TSSPG1-EXP	KVME Gateway Module (1x HDMI, 1x USB, 1x Ethernet)
TSSPG2-EXP	Ethernet Gateway Module (3 port Ethernet)
TSSPG-RMK1U	1U Rack Mount Shelf with whale tail zip tie cable retention

Dimensions:
Desktop Module: 6.7" H x 3.6" W x 5.6" D
Gateway Module: 1.6" H x 8.43" W x 6.75" D
Control Module: 1.6" H x 8.43" W x 6.75" D
1U Rackmount Tray: 1.7" H x 18.9" W x 11.75" D

Input Power: 100-250VAC, 50-60 Hz, IEC-320-C14, 6ft C13 to NEMA 5-15 power cord included

Environmental:
Operating Temperature 0°C to 50°C (32°F to 122°F)
Storage Temperature -20°C to 60° C (-4° to 140° F)
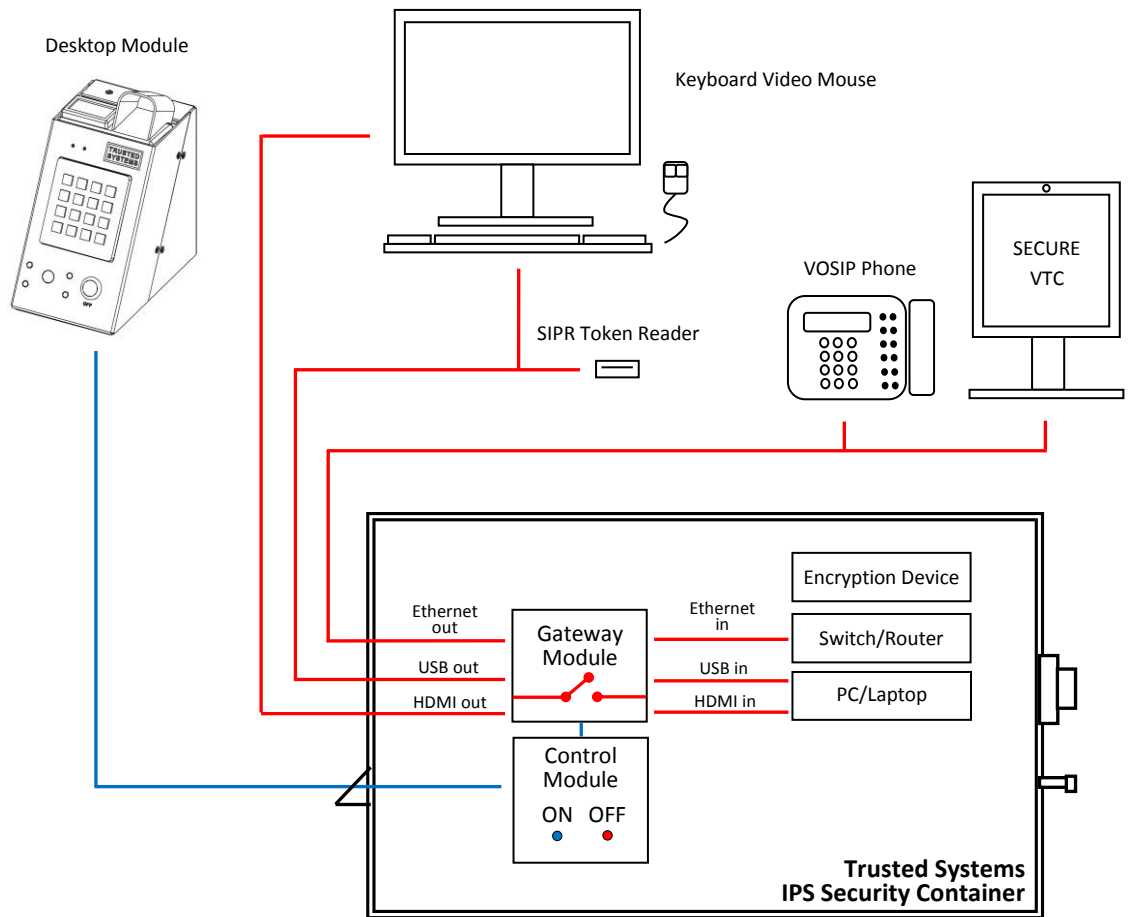
Standard Cable Sets:
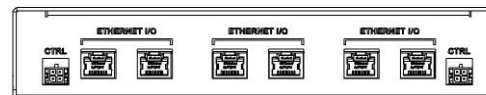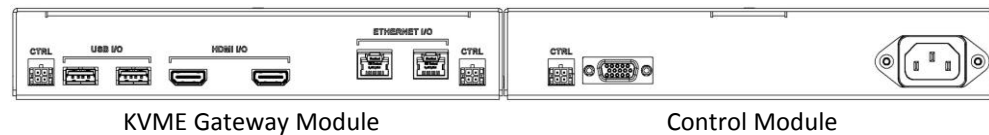Input: 6ft HDMI/USB/Cat6
Output: 15ft HDMI/USB/Cat6

OPTIONS
➢ 30ft & 50ft output cable sets
➢ Up to 6 Gateway Modules can be daisy-chained from a single Desktop/Control Module
➢ 3 Port Ethernet Gateway Module
➢ Internal Manual On/Off only Configuration
➢ SafeGuard/SIPRGuard Monitor Interface Module

ACCESSORIES
➢ 4 Port KVM Switch with cables for SIPR, NIPR and/or other networks
➢ USB Keyboard/mouse and HDMI Monitor combinations

Desktop Module

Keyboard Video Mouse

VOSIP Phone

SECURE VTC

SIPR Token Reader

Encryption Device

Switch/Router

PC/Laptop

Ethernet out
USB out
HDMI out

Gateway Module

Ethernet in
USB in
HDMI in

Control Module

ON   OFF

Trusted Systems IPS Security Container

Gateway/Control Module Back Views

KVME Gateway Module

Control Module

3 Port Ethernet Gateway Module

Activate up to 6 Gateway Modules from a single Desktop/Control Module