PROMETHEUS™

SECURITY GROUP GLOBAL

Solutions   Markets

COMMAND AND CONTROL
C2 - IDS - ACS - Video

ZERO TRUST ARCHITECTURE
Cyber Secure from Sensor to C2

DOD

DOE

CRITICAL INFRASTRUCTURE

4.3.X PERSONAL VIEWER

SAFE | SECURE | CERTIFIED

Product Overview

VICADS® Personal Viewer is a distributable video viewing and control station with a purposefully simple, crisp user interface. There are no limits to the number of Personal Viewers that can exist in a VICADS® System. As with all VICADS® clients, they integrate into the Active Directory environment to deliver single sign on, domain administrator-controlled lists of cameras selectable by the operator for viewing and control. Personal Viewer provides the ability to control Fixed, PTZ and Thermal Imagers as well as offering PTZ coordination policies for multiple operator shared resource scenarios.

Personal Viewer has the capability of selecting different tile layouts, creating and storing view arrangements, creating and storing video tours for automatic surveillance rotation of video feeds. Personal Viewer also offers the ability to control Softwalls that are being used in the static display mode and can push scenes, tours, scene tours and views to these Softwalls which then always display this (even across restarts) until commanded otherwise. Each Personal Viewer can host one VICADS® Joystick for the operator to use for PTZ control and management.

Features	Benefits
Sturdy, Scalable, Serviceable	Designed for high reliability minimal downtime applications, expansion without obsolescence and ease of maintenance.
Redundancy and Regionalization	Fully redundant hardware configurations for mission critical applications. Regional monitoring & mgmt deployment options.
Focused, Assessment Based User Interface	Integrated with multiple event input sources such as CCDE, ITS, IDS or ACS to deliver a real-time automated video switching & display matrix, intelligent video queuing, event priority processing and situational awareness.
Intelligent Event Integration	System can be deployed as a smart video wall that allows for administrative command and control with auto-restart and no local operator interface necessary.
Cybersecurity Aware Platform & information Assurance Posture	DoD Risk Management Framework (RMF) Compliant

HARDWARE SPECIFICATIONS

SPECIFICATION	DESCRIPTION	NOTES
Operating System	WIN10 Enterprise LTSC	HP Z4 G4
Processor	1: Intel Xeon W-2133, 3.6 GHz	Six Cores w/ Hyper Threading
Graphics	1: Nvidia Quadro P4000, 1st GFX, 8GB Graphics	4 ports, max resolution 5120 x 2880
Memory	2: 16GB DDR4-2666- ECC Reg RAM	32GB total
Storage	1: 480 GB SATA Enterprise SSD Drive	Solid State
Network	2: 1Gb network interface	RJ-45 standard, Fiber NIC options available
Power Supply	1000W, Custom PSU, Wide Ranging Active PFC	90% efficient
Power Consumption	1.75A (210W) @ 120VAC, 60Hz	Per station
Peripherals	6: USB 3.1G1 Type-A (rear) 4: USB 3.1G1 Type-A (front) 2: USB 3.1G2 Type-C, DVD-RW, mouse, keyboard	No Monitors included
Form Factor	Tower, Rack Mount (4-RU if racked)	Workstation rack mount kit required
Warranty	3-year standard, 5-year optional	limited
Hardware Part Numbers	10-20000-001 10-50000-000	Personal Viewer Station, Tower Video System Joystick Controller Dual
Software Part Number	10-40001-000	Personal Viewer Site License

PERFORMANCE SPECIFICATIONS

SPECIFICATION	DESCRIPTION
# of simultaneous video tiles	Up to 12, plus one full screen
# of Cameras	Unlimited
# of Users	Unlimited
# of Tours	Unlimited, maximum of 12 on display at once
# of Joysticks	Unlimited in system, 1 per station
Layouts supported	1x1, 2x2, 2x3, 3x2, 3x3, 3x3 + 1 Main, 3x4, 4x3
On-Demand Record Feature	Any video tile on display, records to file on local HDD upon operator initiation, records up to four tiles simultaneously
Video Snapshot Feature	Any video tile on display, takes single snapshot and saves picture on local HDD as JPEG
Full Screen Mode Feature	Any single video tile on display, opens separate window full screen
Supported Encoding Protocols	MJPEG, MPEG2 TS/ES, MPEG4, MPEG 4 part 10 (H.264)
Active Directory Integration	Yes; with Kerberos security for user authentication
PTZ Control Interfaces	VICADS® Joystick, On Video, On screen
PTZ Coordination Support	System can prioritize multiple operators with priority for shared PTZ cameras
PTZ Protocols	ONVIF, Pelco D, Pelco P, Pelco ASCII, Bosch OSRD, Most TASS Cameras, VICON, VICON NTCIP, VICON Native, Any camera on Moog QuickSet Pedestal, Hurley IR, Allegiant Switcher, SONY VISCA, Phillips LTC2600, COHU iDome, FLIR Nexus XML, NTCIP
Certifications & Approvals	USAF Approved for PL1–PL4, DoD RMF compliant

ENVIRONMENTAL SPECIFICATIONS

NOMENCLATURE	TEMPERATURE HUMIDITY & ALTITUDE[3] (NON-OPERATING)	TEMPERATURE & HUMIDITY & ALTITUDE[3] (OPERATING)	ESTIMATE BTU LOAD[4] (PER SERVER)
VICADS® Personal Viewer	--40°C to 60°C (-40°F to 140°F) 10-90% (non-condensing) 12,192 m (40,000 ft)	5°C to 35°C (40°F to 95°F) 10-85% (non-condensing) 3048 m (10,000 ft)	1850 btu/hr (typical) 3084 btu/hr (maximum)

DIMENSIONAL SPECIFICATIONS

NOMENCLATURE	HEIGHT (H)	WIDTH (W)	DEPTH (D)	CLEARANCE (REAR)[5]	WEIGHT[6]
VICADS® Personal Viewer	15.2"	6.65"	17.5"	4"	17.3 kg (38.2lbs)

[1] Fiber optic network interface option card requires SFP+ fiber optic transceivers sold separately. Please contact the factory for information.

[2] The system can support walls of both types simultaneously, but each wall is either used as an Intelligent Video Switcher or Intelligent Video Wall.

[3] Altitude derating against operating temperature is 1.0°C per 305m (1.8°F per 100

[4] Heat dissipation (BTU/hr) data is based on 120VAC power input and is provided as an estimate for reference only.

[5] Clearance is a recommended space budget in addition to machine dimensions to allow for cables & routing.

[6] Weight provided is maximum. Exact weight depends upon configuration

[†] Specifications are subject to change without notice. PSG is not responsible for customer use of this data.