



American Dynamics

From Tyco Security Products

victor and VideoEdge Port Assignments

The port assignments in this document are valid for victor and VideoEdge version 4.9 and higher.

8200-1355-11 B0

Table of Contents	2
victor Application Server Port Assignments.....	3
VideoEdge Port Assignments.....	7

victor Application Server Port Assignments

victor Application Server						
Source System	Port/ Range	Protocol	Direction	Destination System	Process/ Service	Description
vAS	80	TCP	Bidirectional	VideoEdge	VideoEdge NVR Admin/Alarm Port	VideoEdge NVR Admin/Alarm Port
vAS	80	TCP	Bidirectional	everRun	everRun IIS	everRun IIS port (required to be open)
vAS	389	TCP	Outbound	LDAP Server	LDAP	LDAP which is used to synchronize C-CURE database with other databases (non-C-CURE). It allows other databases, such as human resources information, to download information
vAS	443	TCP	Bidirectional	Web	everRun HTTPS Communications	HTTPS Port for SSL connections with C-CURE Go Stratus (everRun) communication
vAS	1025	TCP	Bidirectional	Sur-Guard	Sur-Guard	Sur-Guard communication
vAS	1433	UDP and TCP	Bidirectional	SQL Server	SQL Server	Traffic Direction from 9000 server outbound; Connection Initiate from 9000 server to SQL server. Communication from C-CURE to SQL for database writing, reading and modifying.
vAS	1434	UDP	Bidirectional	SQL Server	SQL Server	Traffic Direction from 9000 server outbound; Connection Initiate from 9000 server to SQL server. Communication from C-CURE to SQL for database writing, reading and modifying.
vAS	2001	UDP	Bidirectional	iSTAR	ICU.exe	ICU discovery and communication with iSTAR panels.
vAS	2600	TCP	Bidirectional	apC	apC Driver	apC Driver
vAS	2800	UDP and TCP	Transmit	iSTAR	Host port for iSTAR driver	Host port for incoming non-encrypted iSTAR (Pro and Ultra) connections
vAS	2801	TCP	Transmit	iSTAR	iSTAR Fast personnel download host port -	HOST port for non-encrypted fast personal download to iSTAR (Pro and Ultra) panels
vAS	2802	TCP	Transmit	iSTAR	Fast image download host port (iSTAR Pro only)	location = vAS, Traffic Direction from vAS = inbound, Connection Initiate from iSTAR panels. Non-encrypted image download for iSTAR Pro.
vAS	3001	TCP	Bidirectional	apC	apC Network Comm Port	Comm port on Lantronix device used by apC panel
vAS	5000	TCP	Bidirectional	Intellex	Intellex Base	Intellex Base

victor Application Server						
Source System	Port/ Range	Protocol	Direction	Destination System	Process/ Service	Description
vAS	5001	TCP	Bidirectional	Intellex	Intellex Live	Intellex Live
vAS	5003	TCP	Bidirectional	Intellex	Intellex Alarm	Intellex Alarm
vAS	5000-5003	TCP	Bidirectional	apC	Lantronix Terminal Server	Lantronix Terminal Server
vAS	7144-7145	TCP	Transmit	EMC Replistor	EMC Replistor	For EMC Replistor failover/redundancy
vAS	7800	UDP	Bidirectional	Bosch	Bosch	Bosch receiver port
vAS	7900	UDP	Bidirectional	Bosch	Bosch	Bosch receiver port
vAS	8042-8045	TCP	Transmit	EMC Autostart	EMC AutoStart	For EMC AutoStart failover/redundancy
vAS	8085	TCP	Bidirectional	Client	Auto Update	Auto Update for clients and SAS from MAS
vAS	8990 - 8991	TCP	Inbound	vAS	Tyco Update Repository	Tyco Update Repository
victor unified client	8992	TCP	Outbound	vAS	Tyco Update Client Services	Tyco Update Client Services
vAS	8985	TCP	Bidirectional	iSTAR/vAS	BASE ADDRESS OF DRIVER SERVICE	location = Server Base for drivers for iSTAR, VideoEdge, Intellex, etc. used to drive communication
vAS	8996	TCP	Bidirectional	Client	Crossfire service of web client session	location = vAS, Traffic Direction from vAS = inbound, Connection Initiate from 9000 Client. For clients to access C-CURE from web.
vAS	8997	TCP	Bidirectional	Client	Admin / Monitor Client stream	location = vAS, Traffic Direction from vAS = inbound, Connection Initiate from 9000 Client. Client access to administrative or monitor station of C-CURE
vAS	8998	TCP	Bidirectional	Client	Crossfire service of HTTP client session	location = vAS, Traffic Direction from vAS = inbound, Connection Initiate from 9000 Client. For HTTP of crossfire for client session
vAS	8999	TCP	Bidirectional	Client	Crossfire service of TCP client session	location = vAS, Traffic Direction from vAS = inbound, Connection Initiate from 9000 Client. For crossfire service of TCO client session.

victor Application Server						
Source System	Port/ Range	Protocol	Direction	Destination System	Process/ Service	Description
vAS	10001-10002	TCP	Bidirectional	Lantronix	serial	DSC serial through Lantronix and Simplex 4100U serial through Lantronix
vAS	22609	TCP	Bidirectional	HDVR	HDVR Admin/Line/Alarm Port	HDVR Admin/Line/Alarm Port
vAS	27000	TCP	Bidirectional	MAS and SAS	TycoESS License software Centralized Licensing	location = vAS, traffic direction from vAS = inbound, Connection initiate from vAS/9000 Client. Used for verifying licenses with Software House. Centralized Licensing for VideoEdge
vAS	28001	TCP	Bidirectional	iSTAR	iSTAR eX/Edge/Ultra Fast download connection	location = vAS, traffic direction from vAS = inbound, Connection initiate from encrypted iSTAR panels
vAS	28002	TCP	Bidirectional	iSTAR	iSTAR eX/Edge/Ultra Fast image download	location = vAS, traffic direction from vAS = inbound, Connection initiate from encrypted iSTAR panels
vAS	28003	TCP	Bidirectional	iSTAR	iSTAR eX/Edge/Ultra Used by host to accept eX or Edge request for certificate signing	location = vAS, traffic direction from vAS = inbound, Connection initiate from encrypted iSTAR panels
vAS	28004	TCP	Bidirectional	iSTAR	iSTAR eX/Edge/Ultra Used by eX or Edge to accept a signed certificate	location = encrypted iSTAR Panels, traffic direction from vAS = outbound, connection initiate from vAS
vAS	28009	TCP	Bidirectional	iSTAR	iSTAR EX/Edge/Ultra master port for incoming member connections	location = master iSTAR, connection initiate from iSTAR panels This port is used to communicate between iSTARs in the same cluster. Not needed for stan-alone iSTARs, but cannot be closed.
vAS	28010	TCP	Bidirectional	iSTAR	Host port for incoming iSTAR connections	Port used by stunnel on server for incoming iSTAR panel connection
vAS	47808	UDP	Bidirectional	MZX	MZX	MZX fire detection integration
vAS	32200-38200	UDP	Bidirectional	VideoEdge	VideoEdge streaming	VideoEdge NVR Streaming Port
vAS	10001 - 10002	TCP	Bidirectional	Honeywell Galaxy panel	Galaxy	Honeywell Galaxy Panel
vAS	3072	TCP	Bidirectional	DSC PowerSeries	ITV2	ITV2 – DSC PowerSeries Neo

victor Application Server						
Source System	Port/ Range	Protocol	Direction	Destination System	Process/ Service	Description
vAS	5001	TCP	Bidirectional	TOA Server	TOA	TOA Intercom server
vAS	3001	TCP	Bidirectional	Commend Server	Commend	Commend Intercom server
vAS	2004-2005	TCP	Bidirectional	KONE Elevator	KONE Elevator	KONE Elevator
vAS	45303, 45307, 45308, 46307, 46308, 47307	TCP	Bidirectional	Otis Elevator	Otis Elevator	Otis Elevator
vAS	8038-8041	TCP	Bidirectional	ThyssenKrupp Elevator	ThyssenKrupp Elevator	ThyssenKrupp Elevator
vAS	47808	TCP	Bidirectional	BACNet controller	BACNet	BACNet Building Management
vAS	1001	TCP	Bidirectional	Elpas	Elpas	Elpas real time location
vAS	4040, 5050	TCP	Bidirectional	Schindler Elevator	Schindler Elevator	Schindler Elevator
vAS	30000	TCP	Bidirectional	CEM CDC Server	CEM	CEM Access Control
vAS	8801	TCP	Bidirectional	Entrapass Server	Entrapass	Entrapass Access Control
vAS / victor	8080	TCP	Bidirectional	3VR Recorder	3VR	3VR video recorder
vAS / victor	80	TCP	Bidirectional	Bosch Recorder	Bosch Video	Bosch video recorder
vAS / victor	8016	TCP	Bidirectional	Matrix Recorder	Matrix Video	Matrix video recorder
vAS / victor	80	TCP	Bidirectional	Dedicated Micro Recorder	Dedicated Micro	Dedicated Micro video recorder
vAS	5050	TCP	Bidirectional	Mastermind System	Mastermind	Mastermind Alarm Management

VideoEdge Port Assignments

VideoEdge						
Source System	Port	Protocol	Direction	Destination System	Process/Service	Description
NVR	22	tcp	Bidirectional	Client SSH terminal	SSH	SSH
NVR	25	tcp	Bidirectional	mail server	SMTP	SMTP
NVR	68	udp	Bidirectional	DHCP server	DHCPC	obtaining dynamic IP address (DHCP)
NVR	80	tcp	Bidirectional	Web/Client	HTTP	HTTP
NVR	123	udp	Bidirectional	NTP (time server)	NTP	ntp
NVR	161	udp	Bidirectional	SNMP manager	SNMP	SNMP
NVR	162	udp	Bidirectional	SNMP manager	SNMP	SNMP Trap
NVR	443	tcp	Bidirectional	Web/client	Secure HTTP	HTTPS
NVR	554	tcp	Bidirectional	Camera/client	RTSP stream	RTSP (video) stream
NVR	623	udp	Bidirectional	Remote control (should be closed)	RPC	RPC - standard Linux open port
NVR	1900	udp	Bidirectional	Any	UPnP	UPnP
NVR	1900	SSDP	Bidirectional	Any	AD discovery	veAutoDiscSSDP - Discovery of devices, close after setup
NVR	2980	udp	Bidirectional	Any	AD discovery	veAutoDiscScan - Discovery of devices, close after setup
NVR	3389	tcp	Bidirectional	RCP client	RDP	xrdp
NVR	3702	udp	Bidirectional	Web Server/Any	AD discovery	veAutoDiscovery WSDiscovery - Discovery of devices, close after setup
NVR	5353	udp	Bidirectional	Any	AD discovery	veAutoDiscMDNS - Discovery of devices, close after setup
NVR	5432	tcp	Bidirectional	SQL	Postgresql	Postgresql
NVR	5800-5803	tcp	Bidirectional	remote unit	VNC	Java-enabled web browser VNC server
NVR	5900-5903	tcp	Bidirectional	remote unit	VNC	VNC server

NVR	8848	udp	Bidirectional	Any	AD discovery	veAutodiscoveryADPort - Discovery of devices, close after setup
NVR	8992	udp	Bidirectional	Any	AD discovery	veAutoDiscADScanPort - Discovery of devices, close after setup
NVR	12345	udp	Bidirectional	Any	AD discovery	veAutoDiscADPo - Discovery of devices, close after setup
NVR	27000	TCP	Bidirectional	VideoEdge Licensing	Centralized Licensing	Centralized Licensing for VideoEdge
NVR	55555	tcp	Bidirectional	Internally used	Transmit manager	Transmit manager - not used externally
NVR	32200-38199	udp	Bidirectional	Victor Client	Victor Client UDP communication	Default VideoEdge UDP port range (for victor client connections)
NVR	32200-38199	udp	Bidirectional	Any	AD discovery	veAutoDiscMDNS - Discovery of devices, close after setup
NVR	32200-38199	udp	Bidirectional	Any	AD discovery	veAutoDiscScan - Discovery of devices, close after setup
NVR	32200-38199	udp	Bidirectional	Any	AD discovery	veAutoDiscSSDP - Discovery of devices, close after setup
NVR	32200-38199	udp	Bidirectional	Any	UPnP	nvrupnpn
NVR	32200-38199	udp	Bidirectional	Any	AD discovery	veAutoDiscSSD - Discovery of devices, close after setup
NVR	32200-38199	udp	Bidirectional	Any	AD discovery	veAutoDiscWSDi - Discovery of devices, close after setup
NVR	6000-7999	UDP	Bidirectional	Camera/client	RTP/RTCP	RTP/RTCP
NVR	9000-9511	udp	Bidirectional	Camera/Client	Multicast	multicast port range
NVR	9000-9128	tcp	Bidirectional	Failover NVR	Remote Transcoding and Failover	Remote Transcoding and Failover

The trademarks, logos, and service marks displayed on this document are registered in the United States [or other countries]. Any misuse of the trademarks is strictly prohibited and Tyco will aggressively enforce its intellectual property rights to the fullest extent of the law, including pursuit of criminal prosecution wherever necessary. All trademarks not owned by Tyco are the property of their respective owners, and are used with permission or allowed under applicable laws.

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative.

© 2017 Tyco Security Products.

All Rights Reserved.