



Accellence Technologies GmbH
Universal Video Management System

vimacc System Documentation
Supported Devices

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1 Introduction

1.1 Document Purpose

This document is part of the system documentation of the **vimacc**[®] video management system from Accellence Technologies GmbH.

All documents are part of the software's comprehensive technical specifications.

1.2 Documentation Structure

The **vimacc**[®] system documentation comprises several documents dealing with different sub-aspects.

The following documents are available by default:

- **vimacc**[®] System Documentation: Introduction
Overview of the general features and respective fields of application.
- **vimacc**[®] System Documentation: Features and Characteristics
Detailed description of technical performance parameters and features/characteristics.
- **vimacc**[®] System Documentation: Interfaces
Description of external interfaces, e.g. to connect to higher level management systems
- **vimacc**[®] System Documentation: System Requirements
Information on minimum requirements for hardware and operating system.
- **vimacc**[®] System Documentation: System Design
Conditions to be met when planning a video system and assistance with dimensioning of the complete system.
- **vimacc**[®] System Documentation: List of Image Sources
List of available image sources (cameras, encoders), drivers and other connectable peripherals.
- **vimacc**[®] System Documentation: Architecture
Detailed overview of the architecture.

In addition, software version specific user guides, an administrator guide and a maintenance guide will be provided.

2 Video Sources

By default, **vima^{cc}** integrates all cameras and video encoders by using video compression techniques **H.265**, **H.264**, **H.263/RFC 2190**, **MPEG4**, and **MJPEG** via **RTSP** or **http** as well as **MxPEG**.

Image sources according to **ONVIF 2.x** (profile S) are supported.

2.1 IP Cameras/Encoders

Manufacturer / Distributor Systems

AXIS Communications	IP video cameras, M/P/Q series: resolution up to 20 MPx Legacy series e.g.: 206M / 210 / 211 / 232D / 213 / 215, Axis 241QS 4 channel video server M1004, M1025, M2025-LE, M2026-LE P3344, P5534, P5415, P1365-E MK2, P1428 Q8721-E Dual PTZ camera with thermal detection Q7401 Video encoder: Vapix- and transparent mode for external peripherals e.g. with Pelco-D protocol Q1659, P3904/P3905-R MK2, P3905-RE Bidirectional audio (PTT) P3245-VE, Q1798-LE (H.264, H.265)
ACTi	Box, bullet, cube, and dome IP cameras, A, B, E series A41 (H.265, H.264), B97 Mini PTZ, E96 5MP Mini Fisheye
ABUS Security Center	Digi-Lan network camera for LAN / WLAN
AVerMedia	NH DVRs
Avigilon	H4 platform, H4A-D1 H4-HD Pro, 30L-H4PRO
Basler AG	IP fixed box and dome models of the BIP2 series e.g. BIP2-1300c
Brickcom	Brickcom-30xN series, Brickcom-50xA series e.g. FB-300Np LTE
Bosch Security systems	All RCPP image sources AutoDome VG4, VG5, Dinion IP, FlexiDome IP, VIP-X1, VIP-X1XF, VIP 1600, VIP 10, VideoJet X40, VideoJet X20, VideoJet X10, VideoJet 800x Starlight NBE 6502-AL
D-LINK	DSC series e.g. DSC932L

Dahua	IP cameras/encoders e.g. SD6A-230, IPC-HDBW8301P, IPC-HFW8232EP-Z
Digitus	OptiView-Pro series, bidirectional audio (PTT)
Eneo	IPB-73M2812M0A
Flir	PT, D, F, FC series e.g. F618, F618-S
Funkwerk	FAC4000HD (Multicast)
Geutebrück	Video system platform GeViSoft, GeViScope
Heitel	Digital devices for image transmission and recording e.g. CamDisk, CamTel, CamServer
Honeywell	IP cameras e.g. HDZ20HDX, HBL2GR1
Hikvision	IP cameras and encoders (H.264, H.264+, H.265, H.265+) Lightfighter, Darkfighter e.g. DS-2CD2012-I, DS-2CD4A25FWD-IZS, DS-2CD4B26FWD-IZ, DS-2CD4A85F-IZS, DS-2CD2042WD-I, DS - 2TD2166-25 thermal camera
IndigoVision	IP cameras/encoders e.g. Series 8000, 9000, 10000 IP: BX100, BX600
Lupus	Lupusnet LE923PoE, HD LE200
MOBOTIX AG	MxPEG: C series, D series, M series, Q series, S series, V series e.g.: M1, M10, M12, M16, D24, M24, Q24, T24, Q25 H.264/Onvif: M16B Bidirectional audio (PTT)
MOXA	VPort camera and encoder models
MicroView	NVRxx series, IP cameras e.g. NVR08
ORLACO	Stoneridge/Orlaco EMOS IP Kameras
Panasonic	IP cameras e.g. WV-SF448, WV-S2531LN (H.264, H.265)

Pelco	Pelco Optera, z.B. IMM12036 panomersive emulation via vimacc Picture Composer
RIVA	IP cameras/encoders e.g. RC3502HD-5311, RCC100HD-5110PIR
R. Stahl HMI Systems	FIX und PTZ-Kameras, MK-EC-941-V1C02T0M000-02
Santec Video Technologies	Cameras of the SNC series SWC-230 RBIF dual thermal image
SANYO Europe	Network cameras of the VCC / VDC series e.g. VCC-H-D5600, VCC-HD5400, VCC-HD4600, VCC-HD2500
Siemens AG	IP cameras e.g. CCIC1410-L, CCMC1315-LP, CCMS1315-LP, CVMW-3025-IR, CCMD3025-DN18
Sony	IP cameras, fixed and PTZ e.g. SNC-RS84P, SNC-DH160, RZ25P, SNC-VM600B SNC-EB602R
Samsung Techwin Hanwha	Network cameras e.g. SCC-C4201P, SMF-80010VM. SNO-7084RP
UTC	Network cameras UTC H264-SVC-PTZ, UVD-IP-EVRDNR-VAx-P, UVP-N120P
Uniview	IPC network cameras e.g. IPC568-C, IPC562-DUG (H.264, H.265)
Vivotec	IP cameras FE8391V
Zepcam	Wireless body cam, body worn video Zepcam T1
USB cameras	Direct connection to PC/server or integrated notebook cameras

2.2 Hardware Decoder

EIZO IP monitors	FDF2304W-IP, FDF4627W-IP DuraVision
EIZO IP decoder box	DX0211-IP DuraVision
Eyevis	Netpix NPX-4900 / eyeUNIFIY.link

2.3 Camera Based Stream Encryption (End-to-End Encryption)

Axis:

Firmware lower than 5.6x **MJPEG** encryption
(**ACAP1**): e.g. M1025, M1054, P3346, Q1922

Firmware as of 5.6x **H.264** encryption
(**ACAP2**): e.g. F44, M1141, P1425, P1428, Q6045

Hikvision: HEOP

Cameras of the 5 series
e.g. DS-2CD5xxxG0, firmware 5.5.90
Thermal H3 DS-2TD2137-x/VP firmware V5.5.16

2.4 Pan/Tilt Head Protocols

Bosch	RCPP, OSRD protocol
Eneo	VPT
Funkwerk/Plettac	GLOBE
Geutebrück	KDEC
Siemens	PST95
Pelco	Pelco-D
Plettac/Lederer Funkwerk	Multisec

2.5 VGA/DVI/HDMI H.264 Broadcaster

Epiphan	VGA / DVI / HDMI broadcaster, Lecture recorder X2
HaiVision	makito DVI encoder
Teracue	ENC-300 DVI

The available functions may depend on the firmware version and/or hardware release of the devices.

If you have any questions about a certain model or integrating other specific image sources please contact us: support@accelcence.de.

3 Support / Hotline

More information: www.vimacc.de

Do you have any questions about **vimacc**[®]?

- Send an email to support@accelence.de
- or
- Call our hotline: **+49 (0)511 277 2490**

Our staff is happy to help you from 09:00 AM to 5:00 PM CET/CEST on business days.

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