



Technical Data cAVc Gateway



elements of indication	3 LED, bi-color red/green, for set-up and operation 1 LED orange for GSM Status
Communication	Unlimited Internet capability with certificate-based authentication and encryption
LAN/WAN-connection:	Fast-Ethernet 10/100 Mbps, Auto-MDIX, RJ45, shielded, 2 Status-LED
Glass fibre connection:	100 Megabit FX, SC-plug (single mode, dual or single fibre)
Mobile Communication	GPRS (Quad Band GPRS class 10) or HSPA+ (Dual band GSM/GPRS/EDGE, dual Band UMTS/HSPA) or LTE (starting Q4 2014)
SIM	pluggable and/or solder-able SIM (SIM Multiplexer)
Local IP-interface	Fast-Ethernet 10/100 Mbps, Auto-MDIX, RJ45, shielded, 2 Status-LED
Local serial interfaces	RS485 RS422 RS232
Power supply	85 to 264 V AC optional: 18 to 75 V DC or 9 to 27 V DC
Housing	DIN rail housing 6 units wide
Environment	Temperature range -20 bis +70 °C, relative humidity Max. 95%

+ Proven: The units of the cAVc Gateway family are already in use in countless projects. Also, the cAVc portal is extensively field-tested.

+ Future-proof: The consistent all-IP solution enables timely access and increased efficiency. All systems are IPv6-ready.

+ Safe: All-IP and proven authentication processes ensure safety.

+ Monitoring: If the cAVc Gateway is no longer available, automatically triggered will be sent a notification by e-mail or SMS.

+ Uncomplicated: Existing applications are still accepted.



cAVc - The Remote Solution for
AV Professionals and System Integrators

connect AV control

straightforward, dynamically, world-wide effective

With cAVc from dmb systems each internet terminal line will be an End-to-End-connection and indeed as safe as cost effective

Access at any time and everywhere without problems on clients systems (e.g. projectors, control systems, screens, etc.).

Operation, maintenance, support and programming of these targets are as easy as surfing in the Web.



Provision of services

As a customer, you buy only the necessary cAVc Gateway - Devices and conclude a fixed-term contract.

You can continue the usage of your applications



Flexibility

The applications for the target devices that you run today for maintaining or programming, remain in operation.

In addition, we offer
 - Web interface, Remote Desktop Protokoll (RDP)
 - Telnet, or proprietary Tools
 - ...



The Base

The heart of the solution form the cAVc gateways. They allow communication between the users and the devices



Objectives

As possible targets a large number of devices are accessible: From projectors to BYOD systems (bring your own device), from media to building control systems and a lot more



Future

The days of communication via modems are definitely all over. With cAVc you are connected in the future with your AV devices



Background

Also during operation, the dmb system cAVc, works extremely easy. Your connection request arrives via cAVc portal onto our cAVc hub, where with proven authentication processes a data connection will be established

These processes run automatically in the background. The user will have no additional costs to operate.



Security

The connection between your PC or laptop takes via secure All-IP connection, end-to-end encrypted.

available are:

- mobile data connections
- broadband - internet connection (xDSL, fibre or cable TV network)
- LAN



Legend:

- connection request
- status message
- data connection
- cable connection
- ☎ radio link