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Product	Model
CyberData VoIP / SIP Speaker Talkback Version	011397 / 011398
CyberData SIP Outdoor Intercom (Audio)	011186 / 011214
CyberData SIP Outdoor Intercom (Video)	011410 / 011414
CyberData SIP Paging Server	011146

Device Interoperability Datasheet

Prepared by:
Rival5 Technical Support Team
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Document Revision History

Version	Reason for Change
1.0	Document initially created for the showcase of valid operating functions of the specified CyberData products with Rival5-provided and serviced hosted VoIP solutions.
2.0	Signage, logo, and cosmetic updates to document format
2.1	Document updated with new version of talkback speaker language and video intercom interoperability with Rival5-provided and serviced hosted VoIP solutions and offerings.

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About Rival5

Founded in 2011, Rival5 Technologies Corp (Rival5) is a Mokena, Illinois based telecommunication company that offers comprehensive telecom solutions to businesses, healthcare facilities, and educational institutions. Our team has years of experience in telecommunications management, consulting, and deployment. Rival5 specializes in "Managed Cloud Communications" solutions. We understand the pros and cons of premise-based telephone systems, Software as a Service (SaaS), Interconnected VoIP, SIP trunking, PRI circuits, POTS lines, and other legacy technologies. Our solutions provide all the desired features of both hosted and premise-based phone systems, at an affordable price.

Registered with the FCC as an Interconnected VoIP provider, we deliver our own solution end-to-end as opposed to acting as an agent reselling other company's services. Our custom PBX is actively developed; this close relationship with our software developers allows us to control the deployment of features, fixes, updates, and patches.

Rival5 will scale to any size organization, and simultaneously provide a feature-rich, application-friendly solution for the most demanding environments. We approach your organization as if it were our own, learn how it operates, then tailor a solution accordingly. By utilizing this approach, your upfront capital costs are lower, and monthly billing allows for a stabilized budget.

We are confident our service and our low-capital format will provide a level of communication efficiency that our customers will appreciate. Additionally, our format will help to reduce overall costs offering a clear financial advantage over traditional telephone services and systems. We become your telephone vendor and carrier to eliminate confusion and provide the most cost-effective solution available.

FCC Filer ID - 829645
FCC SPIN Number - 143036912

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Rival5 Integration with CyberData SIP / VoIP Products
Aural & Audio / Visual Applications

CyberData's VoIP / SIP Speaker with talkback enables two-way conversations in settings such as classrooms, offices, warehouses, work areas, and more.
The SIP talkback speaker also includes a monitor mode function where the speaker may be called from a remote phone that discretely monitors the activity in the room.

The speaker can subscribe to different multicast addresses, allowing compatibility across paging and notification services, including Rival5's hosted VoIP solutions.
A standard closure/call button can be connected to the speaker which can further extend the use case and place calls to a predetermined number from the speaker.

This speaker can be mounted installed in a variety of ways including wall, conduit, and ceiling tile mounts. There is also a wall mount kit with an integrated clock that can show the current time where needed. The convenience of PoE will bring power and network to the speaker and allows you to leverage your existing network. A traditional matching audio-only speaker can be connected easily in order to extend the coverage area in a larger room.

CyberData's VoIP Paging Server offers Rival5 a multicast gateway into networks as well as connection into traditional analog paging systems.

Through utilizing multicast groups and CyberData paging amplifiers, Rival5 can utilize multicast paging from hosted servers, page to isolated circuits and speakers, all the while utilizing existing paging equipment already in place at the customer's sites.

CyberData strobes, standalone amplifiers, office ringers, and more can be incorporated into Rival5 solutions to provide depth and add additional functionality to what we offer.

If you have any questions on additional endpoints, do not hesitate give us a call and speak to a Rival5 account executive.

MANAGED CLOUD COMMUNICATIONS

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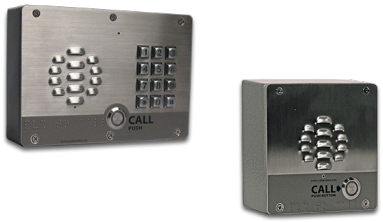
Rival5 Integration with CyberData SIP / VoIP Products
Access Control / Building Entry Applications

CyberData's IP65-rated outdoor intercom units enable secure communication between walls and doors. Mounted conveniently near entry doors, gates, or interior-areas, CyberData's outdoor intercoms offer an expandable solution to incorporating intercom and door phone / secured entry systems into a VoIP environment.

The units come with or without a keypad (for dialing extensions inside the building or inputting access codes). The units can be paired with networked relay controllers to control doors, electric strikes, and other dry-contact accessories.



Cyberdata's video intercom systems can also be implemented in a Rival5 environment with SIP video-capable endpoints. These allow users on video-capable Rival5 endpoints to see what the intercom sees via a built-in video camera through a standard unicast SIP call.

Outdoor intercom units can be provisioned and installed to either serve as a single door control circuit to electrify (or un-electrify) locking hardware and equipment or can be used to signal an existing access control I/O circuit to authenticate door opens / closes.

These circuits can be utilized with PoE and intermediate door strike relay modules in secure intermediate rooms, and can even be activated over the network instead of using home run cables all the way to the external intercom which may lead to security vulnerabilities if access is able to be achieved.