

Ruijie RG-Rain100 V2

Cloud Terminal Datasheet



The Ruijie RG-Rain100 V2 Cloud Terminal is one of the core components of the RCC Cloud Class Solution. The light and compact contemporary design of the Terminal creates an immaculate environment for the modern classrooms, while the diverse ports support the connection to a variety of external devices.

Equipped with a powerful processor, small local flash memory and simplified operation system, the RG-Rain100 V2 is an industrial-grade Terminal tailor-made for the education industry. The RG-Rain100 V2 supports a processor of low power consumption but high operating performance, local flash memory for operation system storage and local system memory. The RG-Rain100 V2 with the non-removable components provides a more reliable and secure application environment than regular PCs, ensuring a lower power consumption and higher security. The system optimization of administration, maintenance, upgrade, expansion and service will significantly reduce the construction and maintenance costs of the Cloud Class deployment. Accordingly, the system TCO will also be significantly reduced.

The RG-Rain100 V2 offers an excellent solution for the education industry. The integration of RG-Rain100 V2 with RG-RCD Cloud Server Series will achieve the best teaching performance at computer classrooms, and provide convenience to the administration of the school computer rooms. The system achieves a smooth transformation from a traditional desktop-computer-based classroom to the Cloud Class Solution. The RG-Rain100 V2 has received high recognition for its high-performing intelligence condensed within the light and compact design.

HIGHLIGHTS

- Exquisite & Compact Design
- Plug-and-play with Zero Maintenance
- Remote Wake-up of End Devices
- Fanless & Energy-saving Design

PRODUCT FEATURES

Exquisite & Compact Design

The stylish square casing made of high-quality material presents a light, compact and exquisite design. With the compact and light casing, VESA-mount installation

and exclusive double security design, the RG-Rain100 V2 and RG-Rain100S V2 will enhance the immaculate environment of modern classrooms.

Powerful & Rich Features

The RG-Rain100 V2 features the high-performance quad-core X86 processor, 2GB DDR3 memory and 8G storage. The built-in RCD student system supports an automatic connection to the Cloud Class Server without the need of logging-in. The teaching system supports a centralized power management in order to reduce maintenance costs and improve efficiency. RG-Class Manager Rainbow, the teaching management software of Terminals, is also built in to prevent program shutdown or uninstallation in order to improve the teaching quality

Fanless & Energy-saving Design

The RG-Rain100 V2 adopts the fanless design to ensure a quiet teaching environment. Featuring low power consumption of only 6W, the energy-saving feature significantly reduces the power consumption of the entire campus.

Plug-and-play with Zero Maintenance

The integrated hardware and software design requires no configuration and supports plug-and-play. The easy deployment and simplified replacement contribute to the zero-maintenance design. The airtight design also ensures a dust-free interior of the enclosure.

Remote Wake-up of End Devices

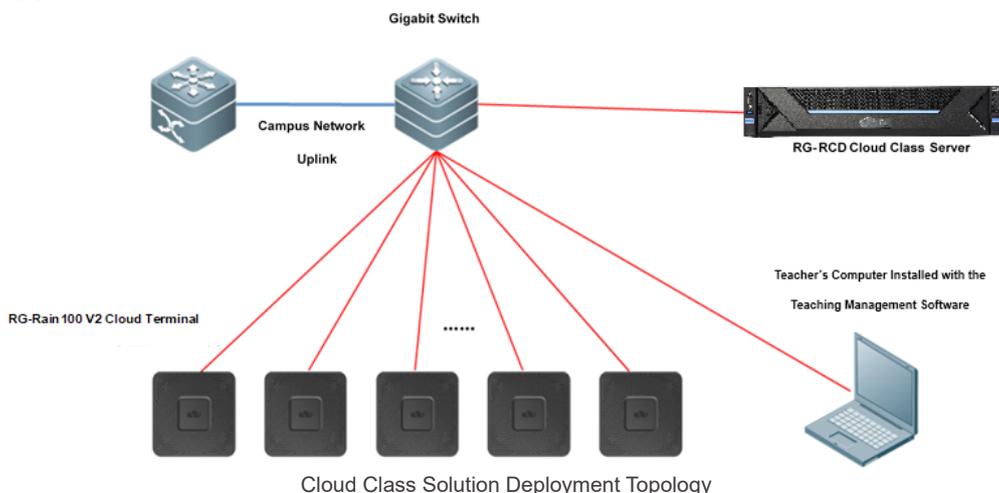
The RG-Rain100 V2 provides a brand new feature of remote wake-up that enables the teaching system to switch on Terminals remotely.

TECHNICAL SPECIFICATIONS

Model	RG-Rain100 V2
Processor	High-performance quad-core x86 processor
Memory	2GB
Storage	8GB
Ports	5 x USB2.0, 1 x USB3.0 1 x HDMI 1 x VGA 1 x headphone jack (3.5mm) 1 x microphone jack (3.5mm) 1 x 10/100/1000M Ethernet port
Color	Black
Resolution	Supports maximum resolution up to 1920×1080
Monitor	N/A
Installation	Supports VESA Mounting Interface Standard (100×100mm & 75×75mm)
Anti-theft Feature	Supports Kensington security lock
Special Features	Supports auto startup and remote wakeup
Power Supply	12V, 2A
Dimensions (W x D x H) (mm)	143×143×35
Operating Temperature	0°C~40°C
Operating Humidity	10%~90% RH, non-condensing
Operating Altitude	≤5,000m
Power Consumption	6W

TYPICAL APPLICATIONS

RG-Rain100 V2



Application Features:

The RG-Rain100 V2 Cloud Class Device is built-in with the student version of RG-Class Manager Rainbow and RCD. The deployment is ready after the initial setup of entering the RG-RCD Cloud Server IP.

ORDERING INFORMATION

Model	Description
RG-Rain100 V2	Cloud Class Terminal with built-in Cloud Class student system and low-power high-performance x86 processor, supports 1 HDMI port, 1 VGA port, 5 USB 2.0 ports, 1 USB 3.0 port and 1 10/100/1000M Ethernet port, supports VESA Mounting Interface Standard and standard Kensington lock
Related Solution Components	
RG-RCD4500 V3	The third-generation Cloud Class Server, with the latest Xeon Processor E5-26XX v4, built-in virtual platform of Cloud Class, provides multiple virtual desktop teaching environments, supports cluster deployment, centralized management of multi-classrooms and switching between multiple teaching environments. (Support up to 50 virtual desktop systems)
RG-RCD6000 V3	The third-generation Cloud Class Server, with the latest Xeon Processor E5-26XX v4, built-in virtual platform of Cloud Class, provides multiple virtual desktop teaching environments, supports cluster deployment, centralized management of multi-classrooms and switching between multiple teaching environments. (Support up to 60 virtual desktop systems)
RG-Class Manager Rainbow-License70	Cloud Class Multimedia Teaching Management Software Rainbow, a new architecture design including assignment storage, supports screen broadcasting, student monitoring, document distribution and other common teaching features. Supports online upgrade and teaching application expansion. Contains the software and licenses of 70 Cloud Class Terminals. (1 set of software license is required for each Cloud Server for standalone deployment.)

