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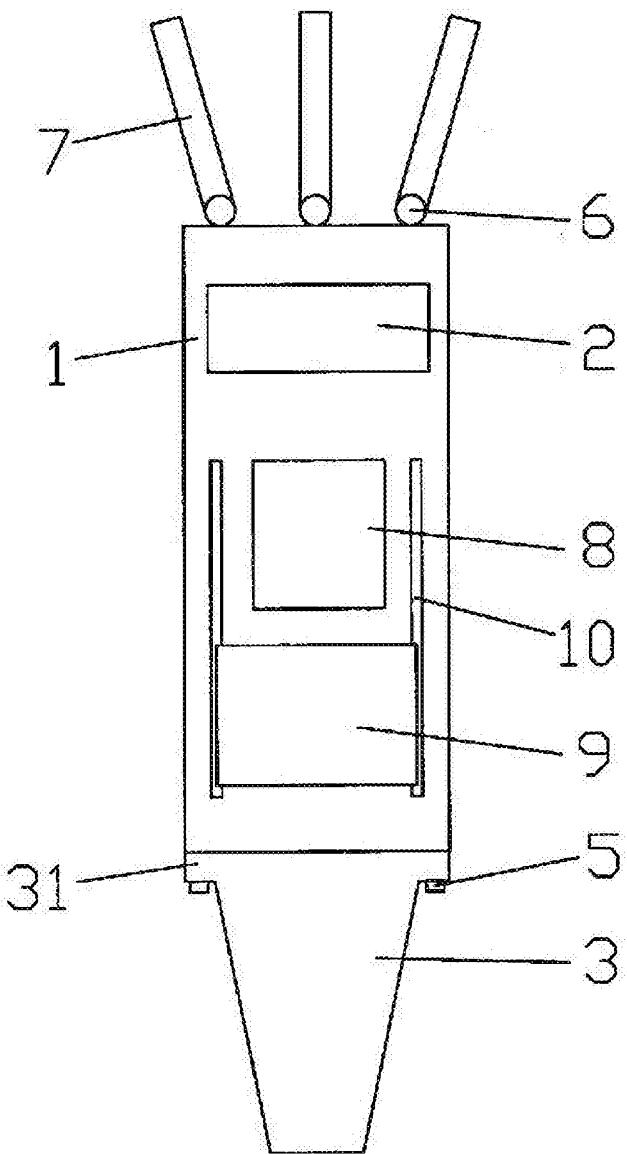
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(54) **Multifunctional Router Based on Cloud Computing.**

57 This invention provides a kind of multifunctional router based on cloud computing, including main body of router, indicator light belt, mounting base, multi-line connectors, connecting bolt, multi-antenna connecting shaft, key-press faceplate, dust guard plate and a pair of dust guard sliding rails; the main body of router is cylindrical structure, mounting base is cone frustum structure and its diameter decreases gradually from up to down, and there is a round connecting flange in the upper edge of mounting base, the connecting flange of mounting base is forward or backward connected to the bottom of router main body, then there is mounting hole for cut-through up and down set on connecting flange between the adjacent connecting bolts; indicator light belt, key-press faceplate and a pair of dust guard sliding rails are respectively embedded on the front interface of router main body, and multi-line connectors are respectively embedded on the back interface of router main body. In this application, by installing the mounting base with cone frustum structure on the narrow space, which is benefit for providing the stable network signal.



Multifunctional Router Based on Cloud Computing

Technical Field

This invention refers to computer realm, especially a kind of multifunctional router based on cloud computing.

Background Technology

Many functions in computer, smart phone and other electronic equipment needs to link to network before using. Router is the main equipment to link to network, but the router in existing technology is most press-flat shape and have larger volume, so make inconvenience for installation. Especially the narrower place, it needs to be placed aslope, which causes the instability of joint of connecting line, thus makes greater influence on the running of router and stability of network signal.

Invention Content

In view of the mentioned defects and various deficiencies of existing technology, the technical problem to be settled by this invention is to provide a kind of multifunctional router based on cloud computing, it has the characteristics of convenient dismounting, simple structure, small volume and low cost.

To achieve the mentioned purpose, this invention provides a multifunctional router based on cloud computing, including main body of router, indicator light belt, mounting base, multi-line connectors, connecting bolt, multi-antenna connecting shaft, multi-antennas, key-press faceplate, dust-free plate and a pair of dust-free sliding rails; the mentioned main body of router is cylindrical structure, the mentioned mounting base is cone frustum structure and its diameter decreases gradually from up to down, and there is a round connecting flange in the upper edge of the mentioned mounting base, connecting flange of the mentioned mounting base is forward or backward connected to the bottom of the mentioned router main body through the mentioned connecting bolt, then there mounting hole for cut-through up and down is opened on the mentioned connecting flange between the adjacent connecting bolts; the mentioned indicator light belt, key-press faceplate and a pair of dust-free sliding rails are respectively embedded on the front face of the mentioned router main body, and the mentioned multi-line connectors are respectively embedded on the back face of the mentioned router main body; the mentioned a pair of dust-free sliding rails are respectively set in both sides of the mentioned key-press faceplate with symmetry, and the mentioned dust-free plate covers on the mentioned key-press faceplate by moving along the

mentioned a pair of dust-free sliding rails; the mentioned multi-antennas are respectively set on the top of the mentioned router main body through the mentioned multi-antenna connecting shaft.

The multifunctional router based on cloud computing involved in this invention has the following beneficial results:

As for this application, through the property of mounting base with cone frustum structure can be set on the narrow space, which is benefit for providing the stable network signal.

The mentioned description is the overview on the technical proposal of this invention, to clearly understand the technological means of this invention more, and be implemented according to the contents in specification, hereinafter the application will be descripted in detail with the better implementation case of this invention and attached.

Specification for Attached Figure

Figure 1 is the front view of router equipment for new type computer network in the application.

Figure 2 is the rear view of router equipment for new type computer network in the invention.

Description for Element Labeling

- 1 router main body
- 2 indicator light belt
- 3 mounting base
- 31 connecting flange
- 4 line connector
- 5 connecting bolt
- 6 antenna connecting shaft
- 7 antenna
- 8 key-press faceplate
- 9 dust-free plate
- 10 dust-free sliding rail

Concrete Execution Mode

Here is the detailed introduction for the preferred implementation case of this invention by

combining with the attached figure.

As shown in figure 1, this invention provides a multifunctional router based on cloud computing, including main body of router (1), indicator light belt (2), mounting base (3), multi-line connectors (4), connecting bolt (5), multi-antenna connecting shaft (6), multi-antennas (7), key-press faceplate (8), dust-free plate (9) and a pair of dust-free sliding rails (10); the mentioned main body (1) of router is cylindrical structure, the mentioned mounting base (3) is cone frustum structure and its diameter decreases gradually from up to down, and there is a round connecting flange (31) in the upper edge of the mentioned mounting base (3), connecting flange (31) of the mentioned mounting base (3) is forward or backward connected to the bottom of the mentioned router main body through the mentioned connecting bolt (5), then there mounting hole for cut-through up and down is opened on the mentioned connecting flange (31) between the adjacent connecting bolts; the mentioned indicator light belt (2), key-press faceplate (8) and a pair of dust-free sliding rails (10) are respectively embedded on the front face of the mentioned router main body (1), and the mentioned multi-line connectors (4) are respectively embedded on the back face of the mentioned router main body (1); the mentioned a pair of dust-free sliding rails (10) are respectively set in both sides of the mentioned key-press faceplate (8) with symmetry, and the mentioned dust-free plate (9) covers on the mentioned key-press faceplate (8) by moving along the mentioned a pair of dust-free sliding rails (10); the mentioned multi-antennas (7) are respectively set on the top of the mentioned router main body (1) through the mentioned multi-antenna connecting shaft (6).

When using, mounting base (3) is connected to the bottom of router main body (1) through connecting bolt (5), and the mounting base (3) is fixed with the mounting hole on the mounting base (3), then the whole multifunctional router is fixed, because mounting base (3) is cylindrical structure, it can be set on the narrow place, which is benefit to it to provide the stable network signal. Indictor light belt can be applied to the inspection that whether indicate line connection, power source and others are normal or not, replacement, on-off and other key-presses are set on the key-press faceplate (8), and dust can be prevented through dust-free plate (9), then these key-presses can be operated as long as slipping dust-free plate (9) along dust-free sliding rail (10); multi-antenna (7) can rotate through multi-antenna connecting shaft, which can enhance and steady the network connection signal.

To sum up, this invention effectively overcomes various defects in existing technology and has high industry utilization value.

The contents above make a detailed introduction for portable playing equipment based on cloud computing technology provided by implementation case of this invention. As for the general technical personnel in this field, based on the thought of implementation case of this invention, there are some changes in concrete mode of execution and applied range. To sum up, the contents in this specification shall be not interpreted as the restriction on this invention, any change made by the design thought of this invention is within the protection scope of this invention.

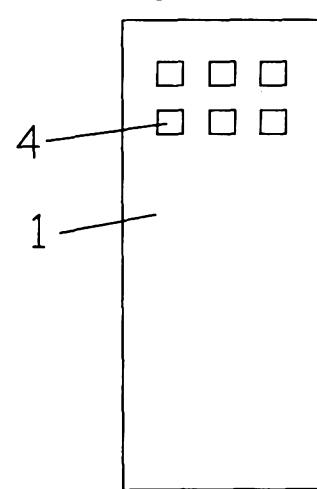
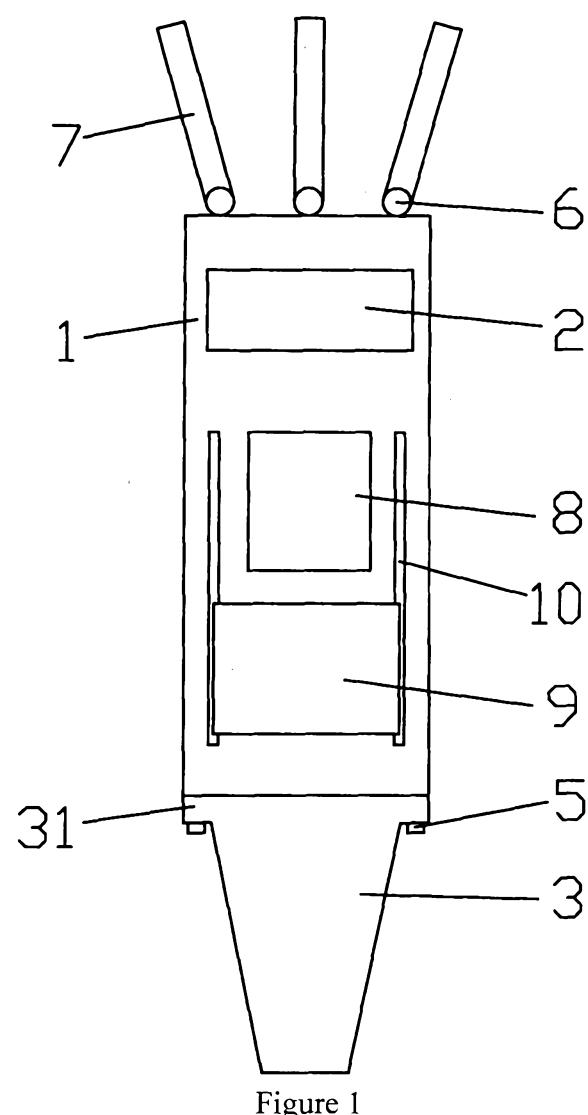
Patentansprüche:

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1. Art multifunktioneller Router, der auf Cloud-Computing basiert, wobei dessen Charakteristika sind: umfasst einen Routerhauptkörper, ein Indikatorlichtband, eine Montagebasis, Mehrleitungsverbinder, einen Verbindungsbolzen, einen Mehrfachantennen-Verbindungsschaft, mehrere Antennen, eine Tastendruckfrontplatte, eine staubfreie Platte und ein Paar staubfreier Gleitschienen; der Routerhauptkörper ist eine zylindrische Struktur, die Montagebasis ist eine Kegelstumpfstruktur und ihr Durchmesser nimmt von oben nach unten schrittweise ab und ein runder Verbindungsflansch ist im oberen Rand der Montagebasis vorhanden, der Verbindungsflansch der Montagebasis ist über den Verbindungsbolzen mit dem Boden des Routerhauptkörpers vorwärts- oder rückwärtsverbunden, ein Montageloch zum Durchfahren nach oben und nach unten ist auf dem Verbindungsflansch zwischen benachbarten Verbindungsbolzen geöffnet; das Indikatorlichtband, die Tastendruckfrontplatte und ein Paar staubfreier Gleitschienen sind jeweils auf der Vorderseite des Routerhauptkörpers eingebettet; und die Mehrleitungsverbinder sind jeweils auf der Rückseite des Routerhauptkörpers eingebettet; ein Paar staubfreier Gleitschienen ist jeweils symmetrisch auf beiden Seiten der Tastendruckfrontplatte angeordnet und die staubfreie Platte deckt auf der Tastendruckfrontscheibe durch Bewegen entlang des Paars staubfreier Gleitschienen ab; die mehreren Antennen sind durch den Mehrfachantennen-Verbindungsschaft jeweils oben auf dem Routerhauptkörper angeordnet.

Drawing

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Abstract

This invention provides a kind of multifunctional router based on cloud computing, including main body of router, indicator light belt, mounting base, multi-line connectors, connecting bolt, multi-antenna connecting shaft, key-press faceplate, dust guard plate and a pair of dust guard sliding rails; the main body of router is cylindrical structure, mounting base is cone frustum structure and its diameter decreases gradually from up to down, and there is a round connecting flange in the upper edge of mounting base, the connecting flange of mounting base is forward or backward connected to the bottom of router main body, then there is mounting hole for cut-through up and down set on connecting flange between the adjacent connecting bolts; indicator light belt, key-press faceplate and a pair of dust guard sliding rails are respectively embedded on the front interface of router main body, and multi-line connectors are respectively embedded on the back interface of router main body. In this application, by installing the mounting base with cone frustum structure on the narrow space, which is benefit for providing the stable network signal.