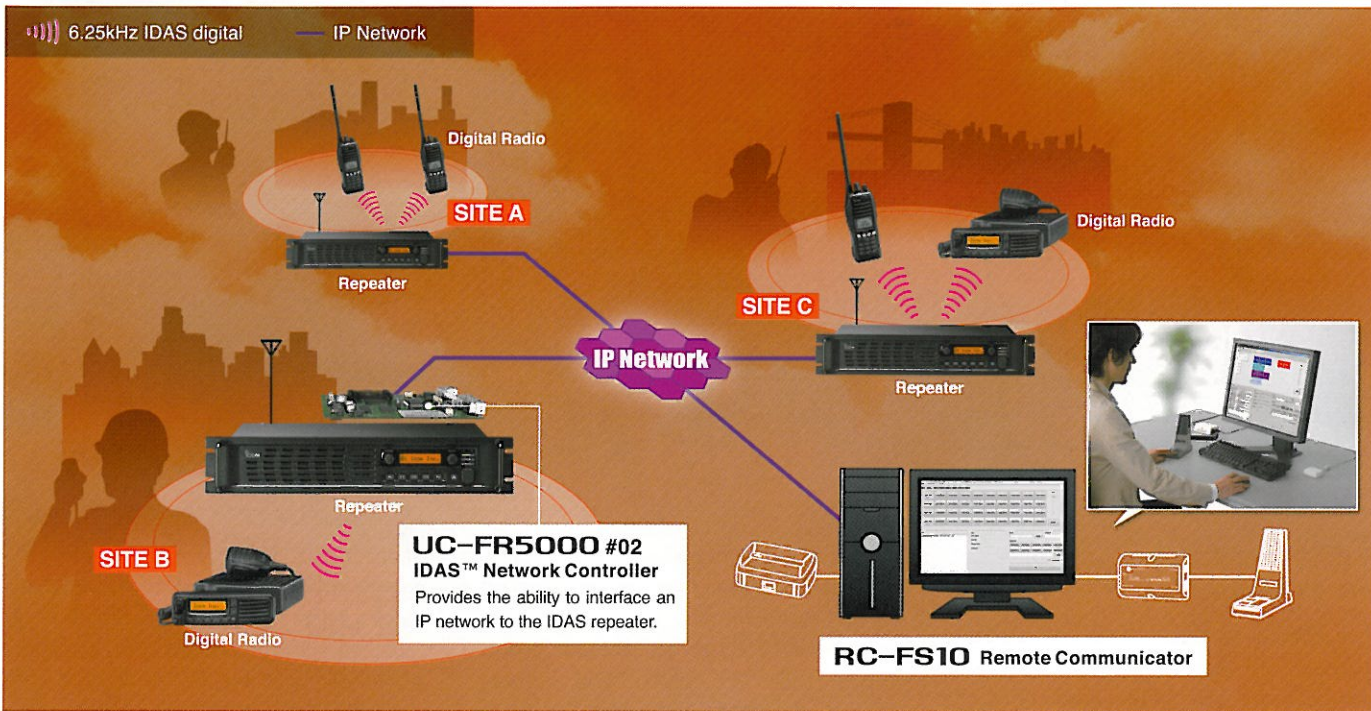




IDAS™ conventional IP network

IDAS™ conventional IP network links up to 16 repeater sites

Communication link for distant locations



Communication link for distant locations

An IDAS conventional IP network can extend your communication coverage. It lets you connect dispersed sites and allows you to communicate like a single site.

Up to 16 IDAS™ repeaters connection over IP network

With the optional UC-FR5000 (#02), up to 16 IDAS repeaters can be interlinked with each other. An IDAS terminal radio user can communicate with other IDAS terminal radio users belonging to the interlinked repeater sites and/or a virtual dispatch station on the network.

* The IDAS conventional IP network cannot relay voice traffic over the IP network if the uplink is analog.

Low bandwidth requirement

By using the AMBE+2™ vocoder compression, an IDAS conventional IP network requires only about 13kbps bandwidth per one voice path in theory. It means a DSL class line is sufficient for the IDAS conventional IP network. The IDAS conventional IP network system requires only one fixed IP address in a group of networked repeaters. Other repeater sites can work with dynamically allocated IP addresses when the IP manager/client

mode is enabled though some restrictions may still be applicable.

Integrated system for clean and simple installation

Icom has made it simple and easy to introduce and install an IDAS conventional IP network system. The IDAS conventional IP network system requires only the UC-FR5000 (#02) network controller which can be installed into the IC-FR5100 series repeater – no control server and no extra rack space is required. In addition, the repeater and network controller settings can be remotely maintained and monitored over an IP connected PC.

RC-FS10 Remote Communicator

The remote communicator creates an IP-based virtual radio on a PC and works as a simple dispatch. IDAS communication features can be used with the remote communicator software. Up to 8 target IDAS repeater sites* can be programmable in the software. 8 remote communicators can connect to a single repeater.

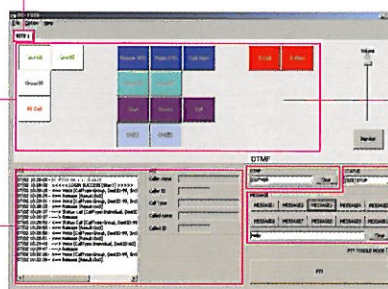
* The RC-FS10 software can transmit one voice path at a time. One CT-24 is required for receiving an IDAS repeater site and up to 8 repeater sites can be monitored simultaneously with 8 CT-24s.

RC-FS10 screen

Site tab :
Up to 8 repeaters are programmable

Function buttons :
Up to 40 functions are programmable.

Communication log and ANI
The software shows user ID and name who is using the target repeater on the display and creates communication logs.



Flexible settings
The button layout, button name, button color and background color can be customized freely.

Short Data Message and Status Message
Sending and receiving a short data message and status message can be made easily.