

IAS 100DV VHF
IAS 100DU UHF

100 Watt, Analog + Digital IDAS™ Repeater



Standard Version



Public Safety Version

Provides high-power IDAS communications!



Standard Version – IAS 100DV (VHF) & IAS 100DU (UHF)*Includes:*

- Icom IC-FR5000/FR6000
- 20 Amp power supply with the float charging capabilities of an external battery
- 15 Amp A/C surge suppression panel with 780 joules A/C surge suppression – MOV technology
- TPL amplifier with built-in power supply and auto bypass of exciter input in case of A/C failure

**Public Safety Version – IAS 100DV PS (VHF) & IAS 100DU PS (UHF)***Includes:*

- Icom IC-FR5000/FR6000
- 70 Amp power supply with smart charging external battery technology – modular design load capacity and expandable to 120 amp load capacity
- 15 Amp A/C surge suppression panel with 1750 joules A/C surge suppression – SASD technology
- TPL amplifier that operates on DC voltage. In case of AC power failure, the repeater continues to develop 100 watts



Third party components noted are subject to change or substitution. Contact IAS for details.

OPTIONS**HM-152****SM-25****SP-22****PRE-SELECTOR****TEL TPRD 1554****UC-FR5000****CF-FR5000MC****IAS DVN 4522L****IAS DVNC 1533L****TEL TPRD 1556**

- **HM-152 HAND MICROPHONE**
Regular hand microphone
- **SM-25 DESKTOP MICROPHONE**
Equipped with a monitor switch
- **SP-22 EXTERNAL SPEAKER**
Compact and easy to install
- **PRE-SELECTOR**
Narrow band filter. Increases selectivity for high noise environments
- **UC-FR5000 IDAS TRUNKING NETWORK CONTROLLER**
For IDAS conventional IP network. UC-FR5000 #02 required

- **CF-FR5000MC CF CARD**
IP network upgrade software for UC-FR5000 #01. Already installed in UC-FR5000 #02
- **IAS DVN 4522L DUPLEXER**
400-512MHz, 3 Min Split, 4 Cavity
- **IAS DVNC 1533L DUPLEXER**
148-174MHz, 2 Min Split, 4 Cavity
- **TEL TPRD 1556 DUPLEXER**
400 Kc minimum split VHF
- **TEL TPRD 1554 DUPLEXER**
600 Kc minimum split VHF

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