



# ICOM G1/G2/G3

{ The evolution of the D-STAR gateway

# ICOM G1 - 2006

- ⌘ The first release
- ⌘ Callsign routing (user and gateway)  
URCALL="/W4DOC C"
- ⌘ Lots of synchronization "issues"
- ⌘ CentOS 5.X
- ⌘ Hardcoded O/S utilities (e.g. apache, postgres)
- ⌘ Security issues



# First post in D-STAR\_Admns

**YAHOO!**  
GROUPS

Search Conversations Search Groups Search W

Conversations Photos Files About More

Committee

000 7

RadioClub 13

**Admns**

elers

ers 22

ups

y Groups

← View View ← Reply

1 Hello

**Tim Barrett** Sep 18, 2007

Hello:

I love being early to a party. I had dinner tonight with Mark, here in Chicago. I truly hope he can get D-Star moving in this area.

Tim

← Reply

# DPLUS 1.0 (0.100) - 2007

- & The first release
- & Linking of gateways to gateways
- & Echo test
- & Announcements
- & Reflectors



# DV Dongle - 2007

- & D-STAR from your PC
- & Mic/speakers and an internet connection
- & DVTool



# First post in DV Dongle

The screenshot shows a Yahoo! Groups forum interface. At the top left is the 'YAHOO! GROUPS' logo. A search bar labeled 'Search Conversations' is positioned at the top center, with 'Search Groups' and 'Search Web' buttons to its right. Below the search bar is a navigation menu with 'Conversations', 'Photos', 'Files', 'About', and 'More'. On the left side, a sidebar lists various groups, with 'DV Dongle' highlighted. The main content area displays a post titled '1 First Post' by 'Tim Barrett' dated 'Dec 22, 2007'. The post text reads: 'So what's the DV Dongle and why would I want one?' followed by the name 'Tim'. Below the post are 'Reply' and 'Delete' buttons. At the bottom of the post area, there is a link for 'Next post in topic >>' and a button to 'Show all 6 messages in this topic'.

YAHOO! GROUPS

Search Conversations Search Groups Search Web

Home Conversations Photos Files About More

Home Committee DV Dongle

1 First Post

Tim Barrett Dec 22, 2007

So what's the DV Dongle and why would I want one?

Tim

Reply Delete

Next post in topic >>

Show all 6 messages in this topic

# ICOM G2 - 2008

- ⌘ The second release
- ⌘ Callsign routing (user and gateway)  
URCALL="/W4DOC C"
- ⌘ Multicast groups (limit 10)
- ⌘ Less of synchronization "issues"
- ⌘ CentOS 5.x
- ⌘ Hardcoded O/S utilities (e.g. apache, postgres)



# DPLUS 2.0 - 2008

- ⌘ The “G2” release
- ⌘ Linking of gateways to gateways via command line
- ⌘ Custom “remote system linked” announcements
- ⌘ Access control
- ⌘ Send text messages from command line





# DV AP Dongle - 2010

- & D-STAR from your PC
- & ICOM radio and an internet connection
- & DVAPTool



# First post in DVAP Dongle

The screenshot shows a Yahoo! Groups interface. At the top, there's a search bar for "Search Conversations" and buttons for "Search Groups" and "Search Web". The left sidebar lists various groups, with "DVAPDongle" highlighted. The main content area shows a conversation titled "2 Welcome to the DV Access Point Dongle group" dated "Feb 15, 2010" by user "aa4rc". The message content includes a welcome message and a link to a quick start guide.

**YAHOO! GROUPS** Search Conversations Search Groups Search Web

Groups Home Conversations Photos Files More ▾

D-STARCommittee  
DVDongle  
105-users  
9CFutaba  
adjust\_ts2000 7  
AtlantaRadioClub 13  
D-STAR\_Admins  
daytontravelers  
futabaowners  
GARS 22  
**DVAPDongle**  
All My Groups  
Manage My Groups  
Create a Group  
Browse Groups

← < > View ▾ Reply

**2 Welcome to the DV Access Point Dongle group** |↔|

**aa4rc** Feb 15, 2010

Thank you for joining the DV Access Point Dongle group. Here you will find notices of new software updates, usage tips and techniques, discussions of issues found by users, and requests for new functionality in the DVAPTool software.

Here is a quick start guide that can also be found at <http://dvapdongle.com> :

Getting started with the DV Access Point Dongle:

0) GET REGISTERED! If you are not already registered on the D-STAR network, you need to get registered. It is very important that you register with ONE gateway only. Once you are registered on one gateway, you are registered on them all. Follow the instructions at <http://www.dstargateway.org> for registration. Until you are registered, you will only be able to listen to connected systems. No transmission is allowed for unregistered callsigns.

1) Make sure you are connected to the internet.

# DV3K Dongle - 2015

- & D-STAR from your PC
- & Same functionality as DV Dongle
- & Small footprint
- & DVTool 2.1



# ICOM G3 - 2016

- ⌘ The third release
- ⌘ Callsign routing (user and gateway) `URCALL="/W4DOC C"`
- ⌘ CentOS 5.x, 6.x, 7.x (64 bit) via RPM packages
- ⌘ Utilize O/S utilities (e.g. apache, postgres)
- ⌘ Standard O/S security



