



I'm ready for a **D-STAR** mobile radio.
Which one is right for me?

D-STAR Mobiles

DIGITAL

FEATURES	IC-2200H	ID-800H	ID-880H	IC-2820H	ID-1
Digital Functionality	D-STAR Upgradable	D-STAR Compatible	D-STAR Compatible	D-STAR Upgradeable	D-STAR Compatible
Display	LCD	LCD	LCD	Dot Matrix	Dot Matrix
Remote Head Mount	N/A	Bracket	Magnetic	Magnetic	Bracket
Character Size	Fixed	Fixed	Fixed	Variable	Variable
Frequency / Name Priority	Frequency / Name	Frequency / Name	Frequency / Name	Frequency / Name	Frequency / Name
Memory Name	6 character (Alphanumeric)	8 Character (Displays 6)	8 Character (Alphanumeric)	8 Character (Alphanumeric)	10 Character (Alphanumeric)
Band Scope	N/A	N/A	N/A	Yes	N/A
Menu Function	N/A	N/A	Yes	500	100
Memory Channels	200	500	1000	20	2
Scan Edges (Program SCAN?)	6	10	50	2	3
Call CH	1	2	2	26	1
Memory Banks	10	10	26	60	20
• My Call Sign	6	6	6	6	5
• Your Call Sign	6	99	60	60	20
• Repeater Call Sign	N/A	54	Repeater List (300)	60	20
• Repeater List	N/A	N/A	300	N/A	N/A
Tx Message	6	6	5		1
Tx GPS Message	N/A	N/A	Max 50	1	N/A
Rx Message	N/A	N/A	1	1	N/A
Receive History	N/A	N/A	20	20	14
GPS Memory	N/A	N/A	50	100	N/A
DTMF Memory	24	16	24	16	?
Data Transfer	Yes (OPC-1529)	Yes (OPC-1384)	Yes (OPC-1529)	Yes (OPC-1529)	Yes (USB)
DD Mode (Digital Data Mode)	N/A	N/A	N/A	N/A	Yes
Auto Answer / Reply	Off/On	Off / On	Off/On	Off/On/Voice	Off/On
DV Data Sending	ATX:OF/ON	PTT / AUTO	PTT / Auto	PTT / Auto	PTT / Auto
Digital Monitor	N/A	Auto / Digital / Analog	Auto / Digital / Analog	Auto / Digital / Analog	N/A
Digital RPT Set	N/A	Off / On	Off / On	Off / On	Off / On
Received Callsign Record	N/A	Off / On	Off / Auto	Off / On	Off / On
Received RPT Callsign Record	N/A	Off / On	Off / Auto	Off / Auto	N/A
Sound Recorder Function	N/A	N/A	N/A	Yes	N/A
One Touch Reply	N/A	Yes	Yes	Yes	N/A
MSG	N/A	Yes	Yes	Yes	Off / On
DR Mode	N/A	N/A	Yes	N/A	N/A

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GPS Connectivity	Optional/External	Optional/External	Optional/External	DV Unit with GPS	N/A
• Personal Channel Position Information Display	N/A	Yes	Yes	Yes	N/A
• Other Person Position Data Display	N/A	Yes	Yes	Yes	N/A
• Compass Display	N/A	N/A	N/A	Yes	N/A
• GPS Sending Mode	Off / GPS	Off / On	Off / GPS / GPS-A	Off / GPS / GPS-A	N/A
• GPS Sentence	RMC / GGA / GGL / GSA / VTG	RMC / GGA / GGL / GSA / VTG	RMC / GGA / GLL / GSA / VTG / GSV	RMC / GGA / GLL / GSA / VTG / GSV	N/A
• GPS Auto Transmission	Off / 30 sec / 1 min / 3 min / 5 min / 10 mins / 30min	Off / 30 sec / 1 min / 3 min / 5 min / 10 mins / 30 min	Off / 30 sec / 1 min / 3 min / 5 min / 10 mins / 30 min	Off / 5 sec / 10 sec / 30 sec / 1 min / 3 min / 5 min / 10 min / 30 min	N/A
• GPS Message Output	N/A	Yes	Yes	Yes	N/A
DV Automatic Detection	N/A	Off / On	Off / On	Off / On	N/A
Callsign Compilation History	N/A	Off / Select / Auto	Off / Select / Auto	Off / Select / Auto	N/A
GPS Memory	N/A	N/A	N/A	Yes	N/A
GPS Alarm	N/A	N/A	N/A	Yes	N/A
GPS-A Function	N/A	N/A	Yes	Yes	N/A
UNPROTO ADDRESS	N/A	N/A	API880, D-STAR	No Preset (API282,D-STAR)	N/A
DATA EXTENSION	N/A	N/A	Off / route - speed	Off / Course / Speed	N/A
TIME STAMP	N/A	N/A	Off / DHM / HMS	Off / DHM / HMS	N/A
COMMENT (EXT)	N/A	N/A		43	N/A
GPS-A Symbol	N/A	N/A	16 types (preset) Default: CAR	16 types (preset) Default: CAR	N/A
Comment Record	N/A	N/A	Yes	Yes	N/A
Comment (Expansion)	N/A	N/A	Yes	Yes	N/A
Transmit Power	65 / 25 / 10 / 5 W (High/mid/low/super low)	55 / 15 / 5 W (High/mid/low)	50 / 15 / 5 W (High/mid/low)	50 / 15 / 5 W (High/mid/low)	10 / 1 W (High/low)



IC-2200H



ID-800H



ID-880H



IC-2820H



ID-1