D-STAR Mobile Radio Selection Chart

Full-featured radios; Icom has the right radio for the right job

iCOM

RADIO/FEATURES	ID-5100A	ID-880H	IC-2820H	ID-1
Production	Current	Current	Discontinued	Current
D-STAR Ready	Yes	Yes	Yes*	Yes
Mode	FM / DV	FM / DV	FM / DV*	FM / DV / DD
Transmit power	50 / 15 / 5W	50 /15 / 5W	50 / 15 / 5W	10 / 1W
Digital Monitor	Auto / Digital / Analog	Auto / Digital / Analog	Auto / Digital / Analog	N/A
DR Mode	DV / FM	1st Generation (Select uplink / downlink / transmit)	N/A	N/A
Near Repeater	DV / FM / All	N/A	N/A	N/A
Receivers	Dual	Single	Dual	Single
Display	Touch Screen	LCD	Dot Matrix	Dot Matrix
Character Size	Variable	Fixed	Variable	Variable
Remote Head Mount	Magnet (Optional)	Magnetic	Magnetic	Bracket
Band Scope	Yes	No	Yes	No
D-STAR Dualwatch	Yes, RX 1 signal at a time	No	Yes, RX 1 Signal at a Time	No
DV Automatic Detection	Off / On	Off / On	Off / On*	N/A
One Touch Reply	Yes	Yes	Yes*	No
Auto Answer / Reply	Off / On / Voice	Off / On	Off / On / Voice*	Off / On
DV Data Sending	PTT / Auto	PTT / Auto	PTT / Auto*	PTT / Auto
Data Cable	Yes (OPC-1529R)	Yes (OPC-1529R)	Yes (OPC-1529R)*	Yes (OPC-1529R)
Sound Recorder Function	Yes (Optional SD card required)	N/A	N/A	N/A
Memory Channels	1000	1000	500	100
Memory Banks	26	26	26	N/A
Memory Name	16 Character	8 Character	8 Character	10 Character
Frequency/Name Priority	Frequency / Name	Frequency / Name	Frequency / Name	Frequency / Name
Call Channel	2	2	2	1
Scan Edges	25	25	10	1
DTMF Memory	16	16	16	N/A
Digital RPT Set	Off / On	Off / On	Off / On	Off / On
My Callsign	6	6	6	5
Your Callsign	200	60	60	20
Repeater Callsign	Repeater List (1200)	Repeater List (300)	N/A	N/A
Received Callsign Record	Off / Auto (50)	Off / Auto (20)	Off / Auto (20)	Off / Auto (10)
Received RPT Callsign Record	N/A	Off / Auto	Off / Auto	N/A
TX Message	5	5	5	1
TX GPS Message	1	1	1	N/A
RX Message	1	1	1	Yes (Software only)

*Optional UT-123 Required

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