






DMR Products and Solution Comparison



To be a Leader in Covered PMR Communications

Solution	Caltta	Hytera	Motorola
	<p>IP connection</p> <p>ENotended coverage, up to 512 Sites</p>	<p>IP connection</p>	<p>IP Site Connect</p>
	<p>Simulcast</p> <p>Large coverage with limited frequency, up to 16 sites</p>	<p>Simulcast</p>	<p>n/a</p>
	<p>Single-site ECS</p>	<p>Single-site XPT</p>	<p>Capacity Plus</p>
	<p>Multi-site ECS</p> <p>Cost-effective coverage, up to 256 sites, 8 repeaters (16 channels) per site</p>	<p>Multi-site XPT</p>	<p>Linked Capacity Plus</p>
	<p>DMR Trunking</p> <p>Capacity, Coverage and Control, up to 512 sites</p>	<p>DMR Trunking</p>	<p>Capacity MaNo</p>
	<p>Active Link</p> <p>Wide coverage with wireless link, up to 16 sites</p>	<p>Rack-Deployed Narrowband Wireless Networking Link</p>	<p>MOTOTRBO Link</p>
	<p>Smart Link</p> <p>ENotended coverage with movable wireless link, up to 32 sites</p>	<p>WANET (Wireless Ad-Hoc Network)</p>	<p>n/a</p>

Caltta	Hytera	Motorola
DH410	BP515	DP1400
DH460	BP565	n/a
DH500	PD505	DP2400e
DH560	PD565	DP2600e
DH590	n/a	n/a
PH600	PD605/HP605	DP3441e
PH660	PD665	DP3661e
PH690	PD685/HP685	n/a
PH700	PD705	DP4400e
PH790	PD785	DP4800e
PH890	PD985/HP785	n/a
Z9	No1p	SL4010e
PM790	MD785/HM785	DM4601e
PR900	RD985S/HR1065	SLR5500
Smartlink600	E-pack100	n/a
Smartlink580	E-pole100	n/a

	Caltta		Hytera		Motorola
Model	DH410	DH460	BP515	BP565	DP1400
Image					
IP site	Yes	Yes	Yes	Yes	Option
Pseudo Trunking	No	No	No	No	No
Tier III Trunking	No	No	No	No	No
Encryption	256 bit*	256 bit*	40 bit	40 bit	40 bit
Vibration	No	No	No	No	No
GPS	No	No	No	No	No
Bluetooth	No	No	Option	Option	No
Man Down	No	No	No	No	No
IP Rating	IP65	IP65	IP54 (IP67 Optional)	IP54 (IP67 Optional)	IP54
Battery	2500mAh	2500mAh	1500mAh 2000mAh	1500mAh 2000mAh	2300mAh






*Private encryption

4 Middle Level Portable



	Caltta			Hytera		Motorola	
Model	DH500	DH560	DH590	PD505	PD565	DP2400e	DP2600e
Image							
IP site	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pseudo Trunking	TBD	TBD	TBD	Option	Option	Option	Option
Tier III Trunking	No	No	No	No	No	No	No
Encryption	256 bit*	256 bit*	256 bit*	40 bit	40 bit	40 bit	40 bit
Vibration	No	No	No	No	No	Yes	Yes
GPS	No	No	No	No	No	No	No
Bluetooth	No	No	No	No	No	No	No
Man Down	No	No	No	No	No	No	No
IP Rating	IP67	IP67	IP67	IP54	IP54	IP67	IP67
Battery	2500mAh	2500mAh	2500mAh	1500mAh	1500mAh	2100mAh	2100mAh

*Private encryption

	Caltta			Hytera					Motorola	
Model	PH600	PH660	PH690	PD605	PD665	PD685	HP605	HP685	DP3441e	DP3661e
Image										
IP site	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pseudo Trunking	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tier III Trunking	No	No	Option	Option	Option	Option	Option	Option	Option	Option
Encryption (40 bit)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Encryption (AES128/256)	Option	Option	Option	Option	Option	Option	Option	Option	Option	Option
Display	/	1.75'	2.0'	/	1.8'	1.8'	0.9'	1.8'	/	1.5'
Vibration	Yes	Yes	Yes	No	No	No	Yes	Yes	No	No
GPS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bluetooth	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes
Wi-Fi	No	No	No	No	No	No	No	No	Yes	Yes
Man Down	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Local Recording	Option	Option	Option	No	No	No	No	No	No	No
IP Rating	IP68	IP68	IP68	IP67	IP67	IP67	IP67	IP67	IP68	IP68
Battery	2600mAh	2600mAh	2600mAh	1500mAh	1500mAh	1500mAh	2000mAh	2000mAh	1700mAh	1700mAh

	Caltta		Hytera		Motorola	
Model	PH700	PH790	PD705	PD785	DP440Noe	DP480Noe
Image						
IP site	Yes	Yes	Yes	Yes	Yes	Yes
Pseudo Trunking	Yes	Yes	Yes	Yes	Yes	Yes
Tier III Trunking	Option	Option	Option	Option	Option	Option
Encryption (40 bit)	Yes	Yes	Yes	Yes	Yes	Yes
Encryption (AES128/256)	Option	Option	Option	Option	Option	Option
Display	/	2.0'	/	1.8'	/	1.5'
Realtime Clock	No	Yes	No	No	No	No
Vibration	Yes	Yes	Yes	Yes	Yes	Yes
GPS	Yes	Yes	Yes	Yes	Yes	Yes
Bluetooth	Yes	Yes	No	No	Yes	Yes
Wi-Fi	No	No	No	No	Yes	Yes
Man Down	Yes	Yes	Yes	Yes	Yes	Yes
Local Recording	Option	Option	No	No	No	No
IP Rating	IP68	IP68	IP67	IP67	IP68	IP68
Battery	2000mAh	2000mAh	2000mAh	2000mAh	2100mAh	2100mAh

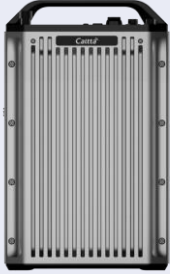


7 High End Portable



	Caltta		Hytera				Motorola
Model	PH890	Z9	HP705	HP785	No1p	PD985	SL4010e
Image							
SFR	Option	Option	No	No	No	Option	No
Full Duplex	Option	Option	No	No	No	Option	No
IP site	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pseudo Trunking	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tier III Trunking	Option	Option	Option	Option	Option	Option	Option
Encryption (40 bit)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Encryption (AES128/256)	Option	Option	Option	Option	Option	Option	Option
Display	2.2 '	2.2 '	/	2.4 '	1.8 '	1.8 '	1.8 '
Vibration	Yes	Yes	Yes	Yes	No	Yes	Yes
GPS	Yes	Yes	Yes	Yes	Yes	Yes	No
Bluetooth	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wi-Fi	No	No	No	No	No	No	Yes
Local Recording	Option	Option	No	No	No	Option	No
Man Down	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IP Rating	IP68	IP68	IP68	IP68	IP67	IP68	IP54
Battery	2000mAh	1500mAh	2400mAh	2400mAh	1400mAh	2000mAh	2300mAh@3.7V

	Caltta	Hytera		Motorola
Model	PM790	MD785	HM785	DM4601e
Image				
IP site	Yes	Yes	Yes	Yes
Pseudo Trunking	Yes	Yes	Yes	Yes
Tier III Trunking	Option	Option	Option	Option
Encryption (40 bit)	Yes	Yes	Yes	Yes
Encryption (AES128/256)	Option	Option	Option	Option
Display	2.0'	2.0'	2.4'	2.2'
GPS	Yes	Yes	Yes	Yes
Bluetooth	Yes	No	Yes	Yes
Local Recording	Option	No	No	No
Wi-Fi	No	No	No	Yes
IP Rating	IP54	IP54	IP54	IP54

	Caltta	Hytera		Motorola
Model	PR900	RD985S	HR1065	SLR5500
Image				
Channel Capacity	1024	16	64	64
IP site	Yes	Yes	Yes	Yes
Simulcast	Option	Option	Option	No
Active Link	Option	Option	Option	Option
Pseudo Trunking	Option	Option	Option	Option
Tier III Trunking	No	Option	No	Option
Encryption (40 bit)	Yes	Yes	Yes	Yes
Encryption (AES128/256)	Option	Option	Option	Option
Rack Mounting	1U	2U	1U	1U
AC Power Supply	Internal	ENoternal	Internal	Internal

	Caltta		Hytera	
Model	Smartlink580	Smartlink600	E-pole100	E-pack100
Image				
Size	300*190*70 mm	320*190*70 mm	316*223*133 mm	295*187*68 mm
Weight	2.9Kg	3.7Kg	7.3Kg	3.6Kg
Operation Mode	/	2" LCD, direct configuration	/	Need to connect with palm microphone
Node Capacity	32	32	32	32
IP connect	Yes	Yes	No	No
Battery	ENoternal Battery	236Wh	3~5 minutes	185Wh
IP Rating	IP65	IP67	IP56	IP67

THANKS

