

Digital UHF Wireless System Comparison (Gen3.5, Gen4)



Series	AT210 (Classical)	DT228 (Hot)
TECH Platform	 AT210 [Plus] Digital UHF Wireless Tech Platform (Gen 3.5)	 DT220 Digital UHF Wireless Tech Platform (Gen 4)
Carrier Band	510 ~ 698Mhz (varies from countries)	Same as left
Bit Depth	18bit	20bit
SN	102dB	123dB
Dynamic Range	102dB	120dB
Floor Noise	<20uV	≈6uV [Monitoring Class]
Distance	Portable Kit: 50~60m / Rack Mounted Kit: 100~120m	Same as left
Freq. Response Attenuation	<2dB (20Hz~20KHz) (Related to MIC impedance and phantom power)	<3dB (20Hz~20KHz) (Related to MIC impedance and phantom power)
Phase Drift	30° ~ -60° (20Hz~20KHz)	Same as left
T.H.D	<0.03% (@1KHz)	Same as left
Latency	<4ms	4.17ms
Antenna	Portable Tx: FPC Dual-Mode Antenna Portable Rx: FPC Dual-Mode Antenna Rack Rx: 600Mhz & 500Mhz Stick antenna	Portable Tx: FPC Dual-Mode Antenna Portable Rx: FPC Dual-Mode Antenna Rack Rx: 600Mhz & 500Mhz Stick antenna
TX Battery Life (@48V)	>6h(14500 Li-battery) >8h(Customized 14500Li-battery)	>12h(18650 Li-battery) / >6h(14500 Li-battery) >8h(Customized 14500Li-battery) / >2h(AA battery)
Power Supply	14500 Li-battery	[Hybrid Tech] 14500 Li-battery / 18650 Li-battery / AA battery
Screen	Portable Tx: OLED Portable Rx: OLED Rack Rx: TFT	TFT High-resolution Screen
3D Gyroscope	√	×
Laser Pointing	√	×
UI	V2.0	V3.0
Rx Overvoltage Protection	√	√
OTA	Portable Tx: Support Portable Rx: Not Support / Rack Rx: Support	Same as left
Others	Rack Rx: DIP Switch	Portable Tx: Slightly larger & longer. Portable Rx: Slightly larger & longer. Rack Rx: unchanged in size, push button switch. The Freq.(<60Hz) attenuation is 1dB larger.