

Operational Description for
RF Mouse-CM Type (2.4GHz)

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The RF Optical Mouse consists of three major parts; a base-band controller-The New HPADNS-2030 Chip-offers extra high 800 Dpi resolution, a radio that suitable available 2.4 to 2.483 GHz frees ISM band applications, and a low power uC-controlled, includes RF antenna supporting circuitry, together with basic RF software level.

- 1) Range in meters: 10 Meter from the Receiver
- 2) Frequency Range: 2.4 to 2.483 GHz (16 multi channels and 65535 ID channels for RF Mouse)
- 3) Data transmitting by transistor module
- 4) Operational voltage: 3.0 V
- 5) Low power consumption: on normal operation 25 mA and 300 uA on sleep mode
- 6) Mouse resolution: 800 DPI
- 7) Support Power down Mode and high efficiency power amplifier
- 8) Receiver Fully Compliant USB Interface
- 9) Suspend/resume operation and device remote wakeup