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The IRay Xeye E3 Max thermal imager is a small device that uses the latest generation VOx sensor with a resolution of 384x288 pixels and a single pixel size of 17 micrometers. Thanks to the high refresh rate of 50 Hz, the displayed image is fluid and clear. The optical system used in the device has a 2.5x magnification, while in combination with the 4x digital zoom, the maximum magnification is 10x ($2.5 \times 4 = 10$). Functions " standby mode - Allows you to quickly wake up your device by briefly pressing the power button " 4 color palettes of the displayed image - white, black, red, multicolor " bird watching mode " adjustable brightness of the display - 6 levels of brightness " adjust the sharpness of the image " built-in WiFi module for connection with a smartphone with Android / iOS system " possibility of saving the image in the internal memory " built-in laser marker and rangefinder Technical parameters " matrix: 384x288 px " NETD: <50 sq m " refresh rate: 50 Hz " viewing angle: 10.7 ° " display: color, LCOS 1280 x 960 px " optical magnification: 2.5x " focal length: 35 mm " digital magnification: 2x, 4x " battery life: 4.5 hours " battery: integrated, Li-Ion " charging: yes, microUSB socket " video output: yes " WiFi module: yes " built-in laser: yes, 650 nm " rangefinder: yes, stadia rangefinder " taking pictures: yes " movie recording: yes " built-in memory: yes, 8 Gb " sealed housing: yes, IP66 " Tripod socket: yes, 1/4 inch " dimensions: 186x65x64 mm " weight: 450 g Package contents " IRay Xeye E3 Max thermal imager " waterproof cover " charger " USB cable " video-USB cable Maximum range of detection / recognition [m] " car 3218/804 " man 1361/340 " wild boar 1208/302 " deer 318/79 " occupation 241/60 Warranty 24 months