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The IRay Xeye E3Pro 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 start 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 " adjust the sharpness of the image " built-in WiFi module for connection with a smartphone with Android / iOS system Technical parameters " matrix: 384x288 px " NETD: <50 sq m " refresh rate: 50 Hz " viewing angle: 11 ° x 8 ° " display: color, 720 x 540 px " optical magnification: 2.5x " focal length: 35 mm " digital magnification: 2x, 4x " battery life: 4 hours " battery: integrated, Li-Ion " charging: yes, USB port " video output: yes " WiFi module: yes " movie recording: yes " taking pictures: yes " built-in memory: yes, 8Gb " sealed housing: yes, IP66 " Tripod socket: yes, 1/4 inch " dimensions: 185x62x62 mm " weight: 420 g Package contents " IRay Xeye E3 Pro thermal imager " waterproof cover " charger " USB cable " video-USB cable " wrist bow " neck lanyard Maximum range of detection / recognition [m] " car 3218/810 " man 1361/344 " wild boar 1208/304 " deer 1208/304 " taking 318/81 Warranty 24 months