



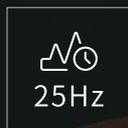
PX1

Strongest Ever

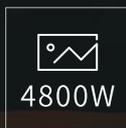
Dual Night Vision Systems Thermal Fusion Thermal Rugged Phone



Industrial-grade Thermography



256×192



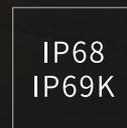
Sony 4 Cameras



Corning Gorilla Screen



Qualcomm 8 Core



Ingress Protection

Application Area



Wilderness Adventures



Outdoor Operations



Industrial Temperature Measurements



Building HVAC

Specifications

Product Name	InfiRay® PX1
2/3/4G	Supported
5G	Supported
SIM Card Mode	Dual Cards
	Active/Standby Card Switching
Voice Standard	WCDMA WB
	VOLTE
	VONR
	Supported, NR + LTE dual standby
Dimensions	172.8×82.2×14.5mm
Custom Button	Supported
OS Version	Android 11
Platform Name	Snapdragon 480, 8nm, 2A76 @2.0GHZ+ 6A55 @1.8GHZ
Protection Rating	IP68/IP69K, MIL-STD-810H
Slot Quantity	Choose 2 of 3
SIM Card Hot Plugging	Supported
Capacity	UFS2.2, 8G+256G
Expansion Memory (TF Card)	Supported, 512G
Screen	6.53"
Other Features	Corning Gorilla Glass
Rear Camera Pixels	48MP + 20MP low illumination + 2MP macro + thermal imaging
Flashlight	Supported
Infrared Fill-in Light	Supported
Front Camera Pixels	16M
Infrared Thermal Imaging	256×192 3.2mm
Optical Sensor	Supported
Distance Sensor	Supported
Geomagnetic Sensor	Supported
Fingerprint Sensor	Supported
Gyroscope	Supported
Interface Type	TYPE-C, 3.0
OTG	Supported
Earphone Port Type	3.5mm port
MIC	Supported
Speaker	1217 BOX
WLAN Protocol	802.11a/b/g/n/ac/ax-ready
Satellite Positioning	GPS, GLONASS, BeiDou
Dual frequency positioning	Supported
Bluetooth	V5.0
NFC	Supported
Radio	Supported
Publicized Capacity (Typical Value)	5500mAh
Maximum charging power	18W
Wireless charging	Supported
Accessories	
Charger	18W
USB cable	Provided

*The information is for illustration only. Images and technical specifications contained herein are subject to changes without notice.

Company Profile

IRay Technology concentrates on developing infrared thermal imaging technologies and manufacturing relevant products, with completely independent intellectual property rights. IRay is committed to providing global customers with professional and competitive infrared thermal imaging products and solutions. The main products include IRFPA detectors, thermal imaging modules, and terminal thermal cameras and imagers.

With R&D personnel accounts for 48% of all employees, 930 intellectual property projects in terms of IRay have been authorized and accepted: 718 patented technologies authorized and accepted in China (including those for integrated circuit chips, MEMS sensors design and manufacture, Matrix III image algorithms and intelligent precise temperature measurement algorithms, etc.); 22 patented technologies authorized and accepted overseas; 147 software copyrights; and 43 integrated circuit layout designs.

IRay products have been applied in various fields, including industrial thermography, night vision observation, AI, machine vision, automatic driving, security and fire control, Internet of Things, and epidemic prevention and control.



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