



LoRa Camera



Specifications

CPU	Allwinner H3, Quad-core Cortex-A7 Up to 1.2GHz
DDR3 RAM	512MB/1GB
Storage	NC(RAM: 512MB) /8GB (RAM: 1GB)
Network	10/100/1000M Ethernet x1, 10/100M Ethernet x1
USB Host	Type-A x2
WiFi	802.11b/g/n, with SMA antenna interface
Bluetooth	4.0 dual mode
Debug Serial Port/UART0	3Pin 2.54mm pitch pin-header
microSD Slot	1
microUSB	for OTG and power input
LED	3
PCB Dimension	50.5 x 60mm
Power	DC 5V/2A
Working temperature	-20°C to 70°C
OS Support	FriendlyCore 16.04(based on UbuntuCore-16.04) FriendlyWrt 19.07.1(Linux-4.14 + U-boot-2017.11) eFlasher
LoRaWAN Protocol	LoRaWAN 1.0.3
LoRa Frequency	AU915
LoRaWAN Mode	Class A / Class B/ Class C
LoRa Tx Power	20dBm
LoRa Antenna interface	SMA MALE, External omnidirectional Antenna
Input Voltage	8V - 48V
Rated Power	Maximum 1W
Output Voltage	8V - 48V



Camer Pixel	1 megapixel
Image Sensor	OV9726(1/8")CMOS
Angle of View / Focal length	70° / 2.8mm
Format	MJPEG/YUY2
Resolution & Frame Rate	
MJPEG	YUY2
320 x240@30FPS	320 x240@30FPS
640 x360@30FPS	640 x360@30FPS
640 x480@30FPS	640 x480@30FPS
800 x600@30FPS	800 x600@15FPS
1280 x720@30FPS	1280 x720@10FPS
1280 x800@30FPS	1280 x800@10FPS
Output	USB 2.0
Support OS	WinXP/Win7/Win8/WIn10/MAC OSX/Linux/Android
Working Temperature	-20°C~70°C
Dimension	30mm*25mm*11.3mm
Flash light	external flash light connectable

*Photo is for reference only.