



# ECHO5 HYBRID TRANSIT TERMINAL

ECHO5 is a rugged Hybrid Transit Terminal that integrates a 2D barcode scanner and EMV card reader.



5 Inches display + Capacitive touch screen



Fully programmable user interface



Multilanguage support



Internal GPS & 4G LTE modules



IP68 water resistance



EMV contactless cards support



High Speed SAM Controller



2D Barcode Scanner Engine





# ECH05

## HYBRID TRANSIT TERMINAL

CPU	64-bit Quad Core Cortex A53	>>>
RAM	2GB 32bit DDR3L RAM	>>>
Flash Memory	16GB onboard NAND Flash	>>>
Operating System	Android 5.1	>>>
External Memory	MicroSD Card up to 32GB	>>>
Display	5.0inch 720x1280 LCD with capacitive touch screen	>>>
Camera	8 Mega Pixel camera with LED Flash light	>>>
Card Reader	ISO14443 A/B, ISO18092 (NFC) EMV L1 & L2	>>>
SAM Module	Up to 4 SAM slots	>>>
2D Barcode Scanner	High performance 2D Barcode Engine	>>>
Positioning System	GPS, Glonass, Beidou, Galileo	>>>
Connectivity	4G LTE, 3G, EDGE, GPRS, GSM	>>>
Wi-Fi	802.11b/g/n	>>>
Bluetooth	Bluetooth V4.0, Bluetooth Low Energy (BLE)	>>>
Digital Input/Output	One 5 to 24 VDC digital input signal / 3 isolated output upto 30mA	>>>
USB Port	1xUSB 2.0(OTG)	>>>
External RS232	One External RS232 port	>>>
External CAN/RS485	High-Speed Half Duplex External RS485 or CAN	>>>
Power Supply	Wide input voltage range 5 to 36 VDC, Reserve polarity protection, under voltage and over voltage protection	>>>
Battery	5000mAh LI-Ion battery	>>>
Physical Characteristics	IP68, Dimensions: 205mm (H) x 85mm (W) x 26.8mm (D)	>>>