

All-in-One Mobile Computer

AO350



From Service To Sales, Powering Business Anywhere

• Versatile All-in-One Device

AO350 supports all payment types, including smart cards, magnetic stripe cards, and contactless payments.

The integrated printer offers convenient on the go receipt printing and the built-in 1D/2D barcode scanner allows fast, data scanning

• Eyelluminate™ Display

AO350 comes equipped with a 3.5-inch touch display and a physical keyboard that are designed to reap the benefits of both. Its wide and ultra-bright display fits greatly for dealing with dense information at a glance, signing directly on the screen, showcasing promotions and brand messages.

• Excellent Connectivity

With support for Wi-Fi, Bluetooth, AO350 enables enterprises to stay connected with their workers in real-time, enjoy continuous reliable operation and seamless payment processing on the move.

• Developer Friendly

simplifies the development of payment applications and provides ISVs Bluebird offers a software developer kit with a full set of APIs that a faster route to EMV deployment.



Industries

- Retail
- Field Services
- Transportation
- Public Sector
- Banking

Use Cases

- Mobile Payment
- Traffic Enforcement
- In-Flight Sales
- Order Taking
- Micro Financing

AO350 Specification

PERFORMANCE CHARACTERISTICS	CPU	1GHz Dual Core Processor
	Operating System	WinCE Embedded Compact 7
	Memory	512MB RAM / 512MB ROM
PHYSICAL CHARACTERISTICS	Dimensions (L x W x D)	175.5 x 78 x 57 mm
	Weight	375g
	Display	3.5 inch, HVGA (480 x 320), Eyelluminate™ Display
	Touchpanel	Resistive / Stylus
	Backlight	LED backlight
	Power	Long Lasting Power Battery. User replaceable. Standard : 7.4V, 1500 mAh (11.1Wh)
	Expansion Slot	MicroSD 64GB SDXC
	SIM / SAM	2 SAM
	Interface	Docking Connector, Micro USB (Host, Client) x 1
	Keypad	3x5 numeric backlit keypad, 4 Backlit operational keypad
	Voice and Audio	Speaker
WIRELESS LAN	Radio	802.11 a/b/g/n (Optional)
	Data Rates	2.4/5GHz: 802.11a/b/g/n — up to 144 Mbps
	Security and Encryption	WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP, and AES); WPA/ WPA2 Enterprise (TKIP, and AES) - EAP-TTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC, EAP Fast and LEAP SAM, WPS, Dataat rest
WIRELESS PAN	Bluetooth	Bluetooth V4.0 + EDR Class 2
	Dial-Up Modem	Standard 56kbps (Optional, w/ Cradle)
	Ethernet	10/100BaseT (Optional, w/ Cradle)
DATA CAPTURE	Scanning	1D&2D Imager
	NFC	ISO 14443 Type A & BISO 18092, MiFare
PAYMENT	MSR	Bi-directional, 3-track
	Contact	EMV Level 1 and 2 type approved, ISO 7816, 3V, 5V
	Contactless	ISO 14443 A/B (MIFARE, Calypso), ISO 18092 (NFC) - EMV Contactless Level 1, - MasterCard PayPass, Visa payWave
	Security	StoneWall™ Security Patented KTC Certificated
PRINTER	Speed	100mm / second
	Size	2", 40mm
USER ENVIRONMENT	Operating Temp	0°C to 50°C / 32°F to 122°F
	Storage Temp	-20°C to 60°C / -4°F to 140°F
	Humidity	95% non-condensing
	Drop Spec	All Bluebird products are built on Bluebird's TankSmith™ technology.
	Tumble Spec	0.5M 200cycle
	Electrostatic Discharge (ESD)	+/-15kVdc air discharge +/-8kVdc direct discharge

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