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Parts are Parts

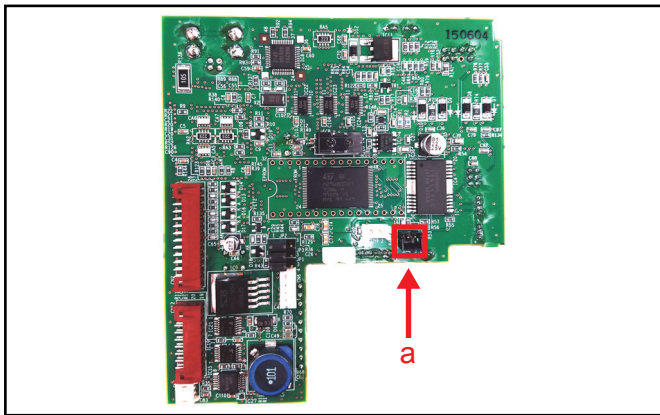


Figure 1 UBA®-10 3.3V CPU with DF3 Motor Connector (P/N 241164)

Part No. 241164

Description: UBA-10 3.3V CPU with DF3 Motor Connector

Usage: JCM's UBA-10 3.3V CPU with DF3 Motor Connector (**Figure 1**) is the replacement CPU Board for UBA-10 units, and is compatible with all UBA-10 Banknote Acceptors.

Note: UBA Banknote Acceptor Units equipped with brown-colored Motor Connectors will need to have the Motor Connector replaced with a black-colored DF3 style connector (for compatibility with **Figure 1 a**) OR have the Transport Motor replaced with EDP #241141 - UBA Transport Motor with New Connector.

Latest JCM Software Listing

UNIT	Country	ID	Version	Check Sum	CRC
UBA-10/11-SS	USA	ID-003	V-2.78-51	D6F5	0653
UBA-10/11-SS	USA	ID-024	V-2.78-24	9478	0C33
UBA-14/24-SS/SU	USA	ID-003	V-2.78-39	C51D	9914
UBA-14/24-SS/SU	USA	ID-0G8	V-2.78-73	6E61	AE34
UBA-14/24-SS/SU	USA	ID-024	V-2.78-36	5CC9	9374
UBA-14/24-SS/SU	USA	ID-028	V-2.78-25	91A6	8F70
iPRO-101	USA	ID-003	V-2.30-25	3112	6B08
iPRO-101	USA	ID-024	V-2.00-10	7CC4	0462
iPRO-101	USA	ID-028	V-1.77-04		2717
iPRO-101	USA	ID-0G8	V-2.20-07	F257	8343
iPRO-101	USA	ID-008	V-1.82-02	0584	48E8
iVIZION-100 SS/SU	USA	ID-003	V-2.53-38	DB41	44F9
iVIZION-100 SS/SU	USA	ID-008	V-2.56-20	3B11	1534
iVIZION-100 SS/SU	USA	ID-024	V-2.53-15	F6E4	21DD
iVIZION-100 SS/SU	USA	ID-028	V-2.53-30	6F1A	1FD5
iVIZION-100 SS/SU	USA	ID-0G8	V-2.66-32	1366	7736
UBA-10/11-SS	CAN	ID-003	V-2.78-51	4911	C70D
UBA-10/11-SS	CAN	ID-024	V-2.78-24	1A12	C1CB
UBA-14/24-SS/SU	CAN	ID-003	V-2.78-39	3DB8	5CBD
UBA-14/24-SS/SU	CAN	ID-024	V-2.78-37	6A03	FAD4
UBA-14/24-SS/SU	CAN	ID-028	V-2.78-25	51B9	1EA0
UBA-14/24-SS/SU	CAN	ID-0G8	V-2.78-73	627C	B8C5
iPRO-100	CAN	ID-003	V2.31-26	F3F1	54EC
iPRO-100	CAN	ID-008	V1.82-02	8572	0CA6
iPRO-100	CAN	ID-024	V-2.31-12	7D39	1C91
iPRO-100	CAN	ID-028	V-2.31-06	D789	0653
iVIZION-100 SS/SU	CAN	ID-003	V-2.50-37	7031	16D3
iVIZION-100 SS/SU	CAN	ID-024	V-2.23-15	C0BA	713F
iVIZION-100 SS/SU	CAN	ID-028	V-2.23-29	961E	09D4
iVIZION-100 SS/SU	CAN	ID-0G8	V-2.51-29	06B5	7DD8

The Latest JCM Software Listing (shown above) identifies specific software versions that have been released to OEMs. It is the responsibility of the OEM to obtain all required approvals from Gaming Regulators and Jurisdictional Authorities necessary for use of approved software versions. Contact the Game Manufacturer (OEM) for information on specific software releases approved for use within your gaming jurisdiction.

JCM recommends using the latest version for maximum acceptance, security, and performance.

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Technical Tips

Question: What are the design differences between the UBA-10/11 Banknote Acceptor and the UBA-14/24 Banknote Acceptor?

Answer: The following table identifies the differences between the UBA-10/11 Banknote Acceptor (**Figure 2**) and UBA-14/24 Banknote Acceptor.

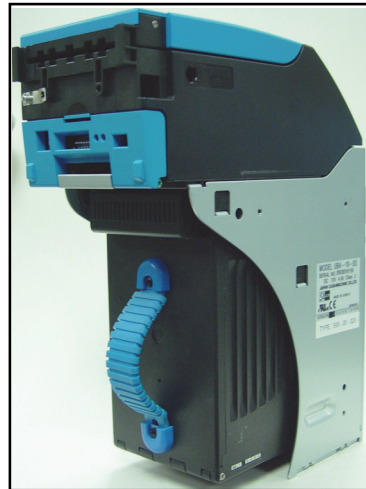


Figure 2: UBA-10 Banknote Acceptor Unit

Feature	UBA-10	UBA-11	UBA-14	UBA-24	Comments
Communication	Photo-Coupler or RS-232 (Jumper Selectable)		Photo-Coupler or USB		USB/RS232 Options available for each unit
Memory	8 MB FLASH	8 MB EPROM	16 MB FLASH		
CPU Boot	On CPU Internal		External Boot ROM		UBA-14/24 Boot ROM must match ID Protocol
External Harness	Harness - No USB		Harness - Includes USB		
ID Protocols	ID-003, ID-024		ID-003, ID-024, ID-028, ID-0G8		ID-003 - JCM Protocol; ID-024 - IGT Netplex; ID-028 - IGT USB; ID-0G8 - USB Standard
Configurations	SS Configuration	SS Configuration	SS Configuration	SS or SU Configuration	UBA-24 can be SS or SU (External Harness jumper determines orientation)

Current Service Manual Releases

Product	Rev.	Product	Rev.
DBV-30X	4	iVIZION	6
DBV-500 Operations Manual	1	Taiko (PUB-7/11)	6
DBV-400 Operations Manual	1	TBV	2
DT-200 BlueWave 2	7	TBV-101-ASH	A
EBA-40	2	UBA-10/11/14/24/25	3b
ICB Service Manual	4	UBA-RC	2
ICB 3.0 Web Reports Ops Manual	A	VEGA	4
iPRO	1	VEGA-RC	3
iPRO-RC	2	FLDFU Download Manual	3
RC-10 Service Manual	1	FL Operator & Technician's Manual	3
JCM Tool Suite	4	GEN5™ Operations Manual	A

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JCM TECHNICAL SUPPORT CONTACTS		
Headquarters (Japan)		
Sales and Service	+81-3-5962-3731	hq-jp@jcmglobal.com
Europe, Middle East, Africa, Russia		
Sales	+49-211-530645-50	hq-eu@jcmglobal.com
Service	+49-211-530645-60	
Australia, Oceania		
Sales and Service	+612 96 48 0811	australia@jcmglobal.com
Southeast Asia		
Sales and Service	+853 28 72 2684	asiasupport@jcmglobal.com
North/South America/Canada/Caribbean		
Toll Free Product Support	(800) 683-7248 or (702) 651-0000	support@jcmglobal.com
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