

HOPPER CD TRIPLE BLACK (MINI / MIDI / MAXI / L) ccTalk

Scheda tecnica / Data sheet



TRIPLE BLACK Midi

Caratteristiche funzionali

Functional features

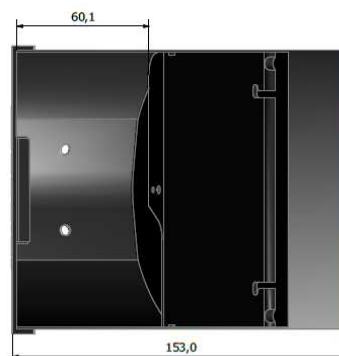
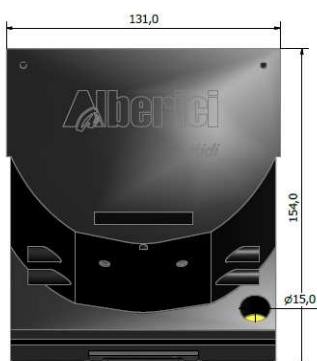
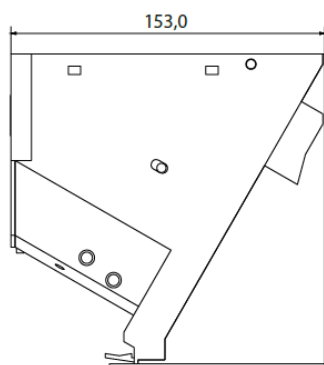
- Conteggio a sensore ottico
Optic sensor counting
- Esclusivo sistema di pulizia integrato
Exclusive built-in cleaning system
- Controlli ottici di livello
Full state optic sensors
- Uscita laterale montabile in cascata
Side output cascade assembly
- Dispositivo a prisma nero anti-frode
Anti-cheat prism device
- Meccanismo di prevenzione anti-inceppamento e di auto-sblocco
Anti-jamming system and auto-release servocontrol

TRIPLE BLACK:

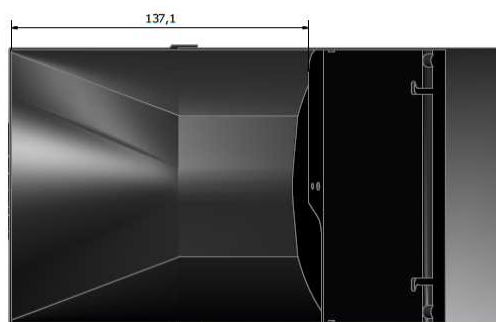
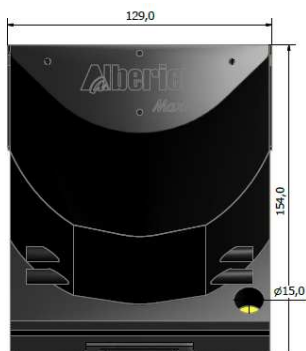
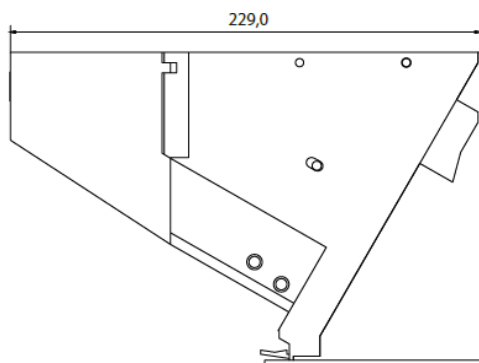
Convertibile da protocollo ccTalk Italy a
ccTalk Italy con cifratura AES DH 256
*Can be converted from the ccTalk Italy
protocol to the ccTalk AES DH 256 encryption m*

Protocollo / Protocol	ccTalk	ccTalk
Velocità / Speed	280 mon./min	280 coins/min.
Capienza monete / Coin capacity (ø24 mm)	775/725/500/325 (L/MAXI/MIDI/MINI)	775/725/500/325 (L/MAXI/MIDI/MINI)
Diametro monete / Coins diameter	20-26,5 mm	20-26,5 mm
Spessore monete / Coins thickness	1,7 – 2,6 mm	1,7 – 2,6 mm
Assorbim. max / max current draw	1 A, 24Vcc	1 A, 24 Vdc
Assorbim. stand-by / stand-by current draw	40 mA	40 mA
Alimentazione / Operating voltage	motore 24 Vcc; ccTalk 24 Vcc	motor 24 Vdc; ccTalk 24 Vdc
Temperatura lavoro / Work temperature	0°C ÷ 50°C	0°C ÷ 50°C
Umidità / Humidity	20% - 75%	20% - 75%
Dimensioni (mm) / Size (mm)	131 (l) x 154 (h) x 230 (p)	131 (w) x 154 (h) x 230 (d)

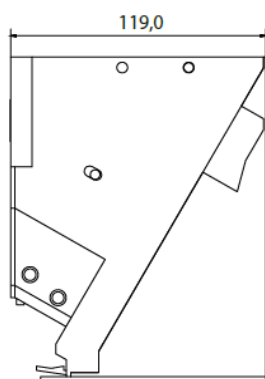
DIMENSIONI / SIZE



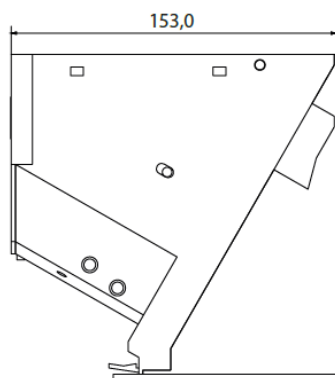
MIDI



MAXI



MINI



LATERAL

PIN-OUT & INDIRIZZO SERIALE / PIN-OUT & SERIAL ADDRESS

10 PIN CCTALK

A diagram of a 10-pin connector. The pins are arranged in two columns of five. The left column is numbered 1, 3, 5, 7, 9 from top to bottom. The right column is numbered 2, 4, 6, 8, 10 from top to bottom. The pins are represented by small squares.

- 1: DATA CCTALK
- 2: VOID
- 3: VOID
- 4: GND
- 5: VOID
- 6: VOID
- 7: +24V
- 8: GND
- 9: VOID
- 10: +24V

A diagram of three switches labeled 1, 2, and 3. Above the switches, the text 'ON SAB' is written. The switches are represented by small rectangles with a vertical line in the center.

Add. Sel 1 Switch n° 1	Add. Sel 2 Switch n° 2	Add. Sel 3 Switch n° 3	Indirizzo Seriale <i>Serial</i> Address
			3
ON			4
	ON		5
ON	ON		6
		ON	7
ON		ON	8
	ON	ON	9
ON	ON	ON	10

In presenza di sensori di livello a tecnologia ottica, si raccomanda di collegare le lamelle comunque presenti sull'hopper alla terra della macchina.

When the hopper level controls are made through optic sensors, do connect the electrode plates to the machine ground terminals.

COMANDI DA IMPLEMENTARE PER OMOLOGAZIONE SCHEDA GIOCO COMMANDS TO BE IMPLEMENTED ON THE GAME-BOARD

246	F6	Request manufacturer id	Alberici Group
245	F5	Request equipment category id	Payout
244	F4	Request product code	HopperTwo ccTalk

NOTA: Nella tabella della pagina seguente sono elencati i comandi necessari per implementare l'HopperCD sulle schede gioco.

Per visionare la lista dettagliata delle risposte dell'HopperCD ai comandi dell'host (scheda gioco), cfr. il Manuale Tecnico disponibile sul sito www.alberici.net nella sezione Download e Manuali.

NOTICE: the basic commands necessary to implement the HopperCD in the game boards are shown by the chart in the following page.

Please find the detailed list of the HopperCD replies to host commands in the Technical Manual (download it from our web site www.alberici.net).



PROGETTAZIONE E PRODUZIONE GETTONIERE ELETTRONICHE
ACCESSORI PER GAMING E VENDING MACHINES



HOPPER CD TRIPLE BLACK ccTalk Italy

SCHEDA
Rev. 1.0 IT

Code	Command header	Note
254	FE	Simple poll
253	FD	Address poll
252	FC	Address clash
251	FB	Address change
250	FA	Address random
246	F6	Request manufacturer id
245	F5	Request equipment category id
244	F4	Request product code
242	F2	Request serial number
241	F1	Request software revision
219	DB	Enter new PIN number
218	DA	Enter PIN number
217	D9	Request payout high/low stat.
216	D8	Request data storage availability
192	C0	Request build code
172	AC	Emergency stop
169	A9	Request address mode
168	A8	Request hopp.dispense count
167	A7	Dispense hopper coins
166	A6	Request hopper status
164	A4	Enable hopper
163	A3	Test hopper
4	4	Request comms revision
1	1	Reset device

UPDATE 2016:

Gli HopperCD della serie TRIPLE BLACK sono inoltre convertibili dal protocollo ccTalk Italy alla modalità ccTalk criptata AES DH256,

The TRIPLE BLACK HopperCD can be converted from the ccTalk Italy protocol to the ccTalk AES DH 256 encryption mode.



Progettazione e produzione di sistemi di pagamento, accessori per videogames e macchine vending
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HOPPER CD TRIPLE BLACK ccTalk Italy

SCHEDA

Rev. 1.0 IT