

## Nastavenie mikro stanice Fracarro D-MATRIX 4 S EVO

Všetky nastavenia sa dajú vykonať cez vstavanú klávesnicu alebo cez integrovaný web server – tzn. pripojením cez PC. Východzie nastavenie stanice Fracarro D-MATRIX 4 S EVO je IP: **192.168.0.2** login: **admin** a heslo: **1234**  
Pre korektné pripojenie so stanicou je potrebné mať v PC nastavenú IP adresu z rovnakej podsiete. Napr. 192.168.0.3

Ladenie vstupných frekvencií prebieha v module nastavenia vstupov. **Settings / Input**.

Stanica má 4 vstupné tunery. Možnosť pripojenia rôznych polarizácií alebo slučka z jedného konektoru. Možnosť zadávania priamej frekvencie TP alebo jej medzifrekvencie. Podpora DiSeQc. Meranie vstupného TP.

Settings	Measure
Enable <input checked="" type="checkbox"/>	Lock <input checked="" type="radio"/> Locked
Link to <input type="text" value="Connector"/>	RF Level 75 dBuV
Settings by Frequency <input type="text" value=""/>	CBER 1.16E-03
DiSEqC <input checked="" type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	MER 16 dB
Frequency <input type="text" value="12344"/> MHz	Offset -1111 kHz
Polarity <input type="radio"/> OFF <input type="radio"/> Vertical <input checked="" type="radio"/> Horizontal	Network Name M7 Group
LNB Type <input type="text" value="Universal"/>	Network ID 3
Symbol Rate <input type="text" value="29900"/> kBd	Original Network ID 3
<input type="button" value="Save"/>	Transport Stream ID 3233

Ladenie druhého vstupu. Voľba slučka z prvého konektoru pomocou priamej frekvencie 11876MHz H 29900.

**FRACARRO**

Home Settings Operations

## Input INPUT 2

Settings	Measure
Enable <input checked="" type="checkbox"/>	Lock <input checked="" type="radio"/> Locked
Link to <input type="text" value="Loop"/>	RF Level 77 dBuV
<input type="text" value="Settings by Frequency"/>	CBER 7.73E-04
DiSEqC <input checked="" type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D	MER 15 dB
Frequency <input type="text" value="11876"/> MHz	Offset -847 kHz
Polarity <input type="radio"/> OFF	Network Name M7 Group
<input type="radio"/> Vertical	Network ID 3
<input checked="" type="radio"/> Horizontal	Original Network ID 3
LNB Type <input type="text" value="Universal"/>	Transport Stream ID 3209
Symbol Rate <input type="text" value="29900"/> kBd	
<input type="button" value="Save"/>	

Nastavenie výstupu. **Settings / Output**

Možnosť nastaviť DVB-T alebo DVB-C. Výber výstupného kanála v celom pásme(pri DVB-T odporúčame nastaviť výstupný kanál v pásme UHF)



**FRACARRO**

Home Settings Operations

## Output MUX 1

### Settings

Standard	<input type="text" value="DVB-T"/>
Modulator Frequency	<input type="text" value="Settings by Channel"/>
Country	<input type="text" value="EUROPE"/>
Channel	<input type="text" value="E21"/>
RF Level	<input type="text" value="75 dBuV"/>
FEC	<input type="radio"/> 1/2 <input type="radio"/> 2/3 <input type="radio"/> 3/4 <input type="radio"/> 5/6 <input checked="" type="radio"/> 7/8
Guard Interval	<input checked="" type="radio"/> 1/32 <input type="radio"/> 1/16 <input type="radio"/> 1/8 <input type="radio"/> 1/4
Constellation	<input checked="" type="radio"/> 64 QAM <input type="radio"/> 16 QAM <input type="radio"/> QPSK
Carrier Number	<input checked="" type="radio"/> 8K <input type="radio"/> 2K
Spectrum	<input checked="" type="radio"/> Normal <input type="radio"/> Inverted
Overflow Alarm	<input checked="" type="checkbox"/>

Nastavenie programov výstupného MUXu(prevádza sa jednoduchým „pretiahnutím“ programu do zvoleného MUXu):

FRACARRO
D-Matrix

Home Settings Operations
D-MATRIX-4S EVO

### Input Program List

Name	Input	Type	Free to Air	Band (Kbps)
CT 1 HD	CAM 1	FLEX	HD TV	<input checked="" type="checkbox"/> 11057
CT 2 HD	CAM 1	FLEX	HD TV	<input checked="" type="checkbox"/> 6698
CT sport HD	CAM 1	FLEX	HD TV	<input checked="" type="checkbox"/> 10575
Prima PLUS HD	CAM 1	FLEX	HD TV	<input checked="" type="checkbox"/> 8424
DAJTO HD	CAM 1	FLEX	HD TV	<input checked="" type="checkbox"/> 6253
Nova International	CAM 1	FLEX	SD TV	<input checked="" type="checkbox"/> 975
Markiza HD	CAM 1	FLEX	HD TV	<input checked="" type="checkbox"/> 3127
DOMA HD	CAM 1	FLEX	TV	<input checked="" type="checkbox"/> 5218
CT 24 HD	INPUT 1		HD TV	<input checked="" type="checkbox"/> 4422
CT :D/art HD	INPUT 1		HD TV	<input type="checkbox"/> -
CT 1 SM HD	INPUT 1		HD TV	<input type="checkbox"/> -
CT 1 JM HD	INPUT 1		HD TV	<input type="checkbox"/> -
JOJ Cinema +1 HD	INPUT 1		HD TV	<input type="checkbox"/> -
Skylink Ochutnávka	INPUT 1		SD TV	<input type="checkbox"/> -
CRo RADIOZURNAL	INPUT 1		Radio	<input type="checkbox"/> -

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### Output

MUX 1 [E21]
MUX 2 [E22]
MUX 3 [E23]
MUX 4 [E24]

Name	Input	Position	LCN	LCN HD	Band (Kbps)	Actions
Markiza HD	CAM 1	1	1	1	3127	
DOMA HD	CAM 1	2	2	2	5218	
<b>Estimated total bandwidth</b>					<b>8345 Kbps</b>	
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PID Management MUX 1

Add All Prog. MUX 1

Advanced Settings MUX 1

SORTEC

Kontrola stavu nastavenia. **Home.**

V module status skontrolujeme nastavenia vstupných TP a výstupných MUXov.

Kontrola „pretečenia“ výstupného toku.

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**D-Matrix**


D-MATRIX-4S EVO

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### Status

Software Version: V.00.04  
Serial number: 70:b3:d5:21:1c:e1

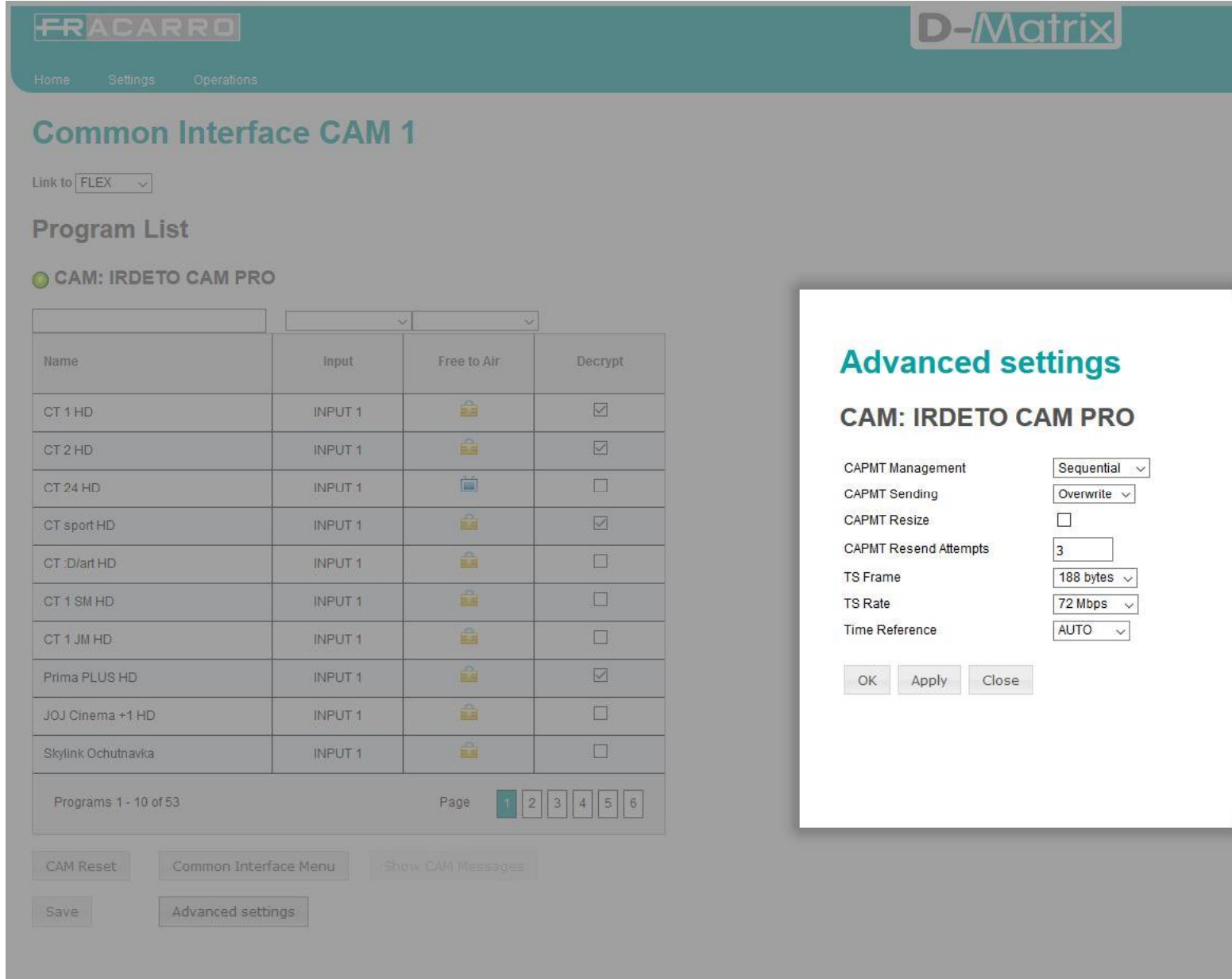
### Input

INPUT 1		INPUT 2		INPUT 3		INPUT 4		USB	
Lock	<span style="color: green;">●</span>	Lock	<span style="color: green;">●</span>	Lock	<span style="color: green;">●</span>	Lock	<span style="color: grey;">●</span>	Lock	<span style="color: grey;">●</span>
Frequency	12344 MHz	Frequency	11876 MHz	Frequency	12109 MHz	Frequency	11390 MHz		
Polarity	Horizontal	Polarity	Horizontal	Polarity	Horizontal	Polarity	OFF		
RF Level	75 dBuV	RF Level	77 dBuV	RF Level	71 dBuV	RF Level	0 dBuV		
CBER	1.18E-03	CBER	7.65E-04	CBER	1.16E-03	CBER	0.00E+00		
MER	16 dB	MER	15 dB	MER	15 dB	MER	0 dB		
Offset	-1111 kHz	Offset	-847 kHz	Offset	274 kHz	Offset	0 kHz		
Network Name	M7 Group	Network Name	M7 Group	Network Name	M7 Group	Network Name	Not Available	Network Name	Not Available

### Output

MUX 1		MUX 2		MUX 3		MUX 4	
Status	<span style="color: green;">●</span>	Status	<span style="color: green;">●</span>	Status	<span style="color: green;">●</span>	Status	<span style="color: green;">●</span>
Channel	E21	Channel	E22	Channel	E23	Channel	E24
Frequency	474.00 MHz	Frequency	482.00 MHz	Frequency	490.00 MHz	Frequency	498.00 MHz
RF Level	75 dBuV	RF Level	75 dBuV	RF Level	75 dBuV	RF Level	75 dBuV
ALL PIDS	OFF	ALL PIDS	OFF	ALL PIDS	OFF	ALL PIDS	OFF
Bitrate	<div style="width: 100%; height: 10px; background: linear-gradient(to right, green 80%, black 80%, black 100%);"></div>	Bitrate	<div style="width: 100%; height: 10px; background: linear-gradient(to right, green 80%, black 80%, black 100%);"></div>	Bitrate	<div style="width: 100%; height: 10px; background: linear-gradient(to right, green 80%, black 80%, black 100%);"></div>	Bitrate	<div style="width: 100%; height: 10px; background: linear-gradient(to right, green 80%, black 80%, black 100%);"></div>
Instant Bitrate	14323 kbps / 17344 kbps	Instant Bitrate	16746 kbps / 14921 kbps	Instant Bitrate	19897 kbps / 11770 kbps	Instant Bitrate	16610 kbps / 15057 kbps
Peak Bitrate	21636 kbps / 10031 kbps	Peak Bitrate	24227 kbps / 7440 kbps	Peak Bitrate	25373 kbps / 6294 kbps	Peak Bitrate	25133 kbps / 6534 kbps

Nastavenie CI modulu. **Settings / Common Interface**. Možnosť nastavenia dát.toku cez CI(TS Rate)



FRACARRO D-Matrix

Home Settings Operations

## Common Interface CAM 1

Link to FLEX

### Program List

**CAM: IRDETO CAM PRO**

Name	Input	Free to Air	Decrypt
CT 1 HD	INPUT 1		<input checked="" type="checkbox"/>
CT 2 HD	INPUT 1		<input checked="" type="checkbox"/>
CT 24 HD	INPUT 1		<input type="checkbox"/>
CT sport HD	INPUT 1		<input checked="" type="checkbox"/>
CT :D/art HD	INPUT 1		<input type="checkbox"/>
CT 1 SM HD	INPUT 1		<input type="checkbox"/>
CT 1 JM HD	INPUT 1		<input type="checkbox"/>
Prima PLUS HD	INPUT 1		<input checked="" type="checkbox"/>
JOJ Cinema +1 HD	INPUT 1		<input type="checkbox"/>
Skylink Ochutnavka	INPUT 1		<input type="checkbox"/>

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CAM Reset Common Interface Menu Show CAM Messages

Save Advanced settings

### Advanced settings

#### CAM: IRDETO CAM PRO

CAPMT Management Sequential

CAPMT Sending Overwrite

CAPMT Resize

CAPMT Resend Attempts 3

TS Frame 188 bytes

TS Rate 72 Mbps

Time Reference AUTO

OK Apply Close