DcSetup

DcSetup application

This utility is used to configure all the informations required to describe the system and the

🕵 DcSetup () - ENC ON - CLEAN ON - MI - Rev: 1.	22-09032022			
Actions				
Robotics:	Vtr #1:	Vtr #2:	- ¥tr #3:	Vtr #4:
	Umatic 4U 💌 🛄	Umatic 4U 🖃 🛄	TCMatic-B 🖃 🛄	TCMatic-B 💌 🛄
T3BROADCART-T3	СОМ10 💌	COM11 💌	COM12 💌	СОМ13 💌
COM17 Use barcode	RS232 VP9000 SONY	RS232 VP9000 SONY	RS232 VP9000 SONY 💌	RS232 VP9000 SONY
Use Robotics	🔽 In use 🔽 Robotics	🔽 In use 🔽 Robotics	🔽 In use 🔽 Robotics	🔽 In use 🔽 Robotics
	M - Encoder # 1 -	M 🔻 Encoder # 2 💌	M 👻 Encoder # 3 💌	M 🔽 Encoder # 4 💌
Beta large 1x15	v:\ini_encvtr	v:\ini_encvtr	v:\ini_encvtr	v:\ini_encvtr
Umatic 1x12 Vise library #3	w:\Enc1	w:\Enc2	w:\Enc3	w:\Enc4
Vhs/S-Vhs/D91x15	🗖 Use RF 🔽 Use CTL			
K7 GA: 5084	Gpi #3 · port LPT1:	Gpi #3 - port LPT1:	Gpi #3 - port LPT1:	Gpi #3 - port LPT1:
K7 GB: 4952				
	44 615:38:38	20 37:23:42	1 104:23:17	1 04:37:55
Gpi IN: 1111111	149/3 Z	15152		
Vtr NO CTL timeout (1 unit ~= 2''):				
Vtr NO RF timeout (1 unit ~= 2"): 10	¥tr #5:	¥tr #6:	¥tr #7:	Vtr #8:
Dvcpro and Dvcam limit to row 19	TCMatic-B	TCMatic-B	TCMatic-B 💽 💟	TCMatic-B
■ NTSC 14.57.42	COM14 💌	COM15 💌	СОМ16 💌	СОМ21 💌
DB:	RS232 TC-MATIC IND	RS232 TC-MATIC INC	RS232 TC-MATIC INC	RS232 TC-MATIC IND
SammaCustomerDSN SammaCustomer	🔲 In use 🔽 Robotics	🔲 In use 🔽 Robotics	🥅 In use 🔽 Robotics	🗖 In use 🔽 Robotics
192.168.1.119 5433 Test Def	M - Encoder # 5 -	M	M 👻 Encoder # 7 👻	M ▼ Encoder # 8 ▼
postgres postgres	v:\ini_encvtr	v:\ini_encvtr	v:\ini_encvtr	v:\ini_encvtr
Use DB - Using field: O UMID O TAPEID	w:\Enc5	w:\Enc6	w:\Enc7	w:\Enc8
	Use RF 🔽 Use CTL	Use RF 🔽 Use CTL	🗖 Use RF 🔽 Use CTL	Use RF Vse CTL
C:\Dc\dc.ini	Gpi #3 · port LPT1:	Gpi #3 - port LPT1:	Gpi #3 - port LPT1:	Gpi #3 - port LPT1:
ġ ^ġ ġ t an a l a l b			I Rewind V(r db	
	21 606:59:59	19 128:30:30	315 00:25:49	U 440:34:34
costruzioni elettroniche s.r.l.	006235			006235
A A A Video cassette archives deaning, recovery and ingest - Broadcast applications -				
			— [
			Exit	OK

hardware connected to it. The main form contains a robotics description area and one area for each of the vtr and encoders connected to it.

Information concerns serial ports and makes use of the system COM port numbering. Any serial port accessible as a standard COM port may be used. Normally serial ports are part of a LAN connected serial hub. The first information to set is the serial COM port used for each device attached. Leave enabled only Vtr that are to actually be used and disable all the others.

Robotics informations

- Robotics:						
T3 BROADCART-T3	🗸 🔽 Use gripper A					
COM17	Use gripper B					
	Use barcode					
Use Robotics	I Full barcode					
	JV Use alarm					
Reta Jarge 1v15	Use library #1					
Beta small 1x15	Use library #2					
Umatic 1x12	Use library #3					
Vhs/S-Vhs/D91x15	🗸 🔽 Use library #4					
K7 GA: 5084 K7 GB: 4952 Gpi IN: 1111111 Vtr N0 CTL timeout (1 unit ~= 2''): 10						
Vtr NO RF timeout (1 unit ≃=)	2''): 10 💌					
🔲 Dvepro and Dveam limit to	row 19					
NTSC	14.57.42					
DB:						
SammaCustomerDSN Sa	mmaCustomer					
192.168.1.119 54	33 Test Def					
postgres po	stgres					
🔽 Use DB - Using field: 🛛	UMID 💿 TAPEID					

Selects the COM port used to connect with the robotics.

Tip: use the COM port associated to the port #8 of the serial hub (assuming an 8 port serial hub) in order to facilitate maintenance.

The information in this windows should match exactly the configuration of the robotics Broadcart T3. Only robotics T3 are supported .

Tip: when you will run DcServer with the robotics connected all the applicable configuration data will be automatically read overwriting any mismatches that could exist.

From this window you may disable a gripper using only the other. The "Full barcode" check box tell to the robotics to use the full barcode string. Warning: if unchecked long barcode strings would be truncated.

CTL track of Vtr is always tested and you may select after how many seconds of a "NO CTL" condition recording will be stopped.

RF of Vtr may be tested too but this requires that an RF output is available on Vtr too. This feature also requires a GPI input hardware (an eight bit input parallel PCI express card for instance). Default address is the same as LPT1: but may be changed from inside Dc.ini configuration file at section [Robot] modifying the variable GPIPortAddress. The default value is GPIPortAddress=888. It is also required some hardware to change the RF analogue

signal in a TTL signal generated comparing with an assigned fixed threshold. Also for RF you may select after how many seconds of a "NO RF" condition the recording will be stopped.

Using DVCPRO/DVCAM library and some models of barcode reader it is required to limit to bin #19 the library size (that normally arrives to bin #20). If you need to change this check box, ask before to tech support. The NTSC check box should be checked if the Vtr are running this video standard. The NTSC check box affects the way in which time codes and CTL are shown in all the applicable windows.

Vtr and encoder informations



The type of Vtr refers to the cassette format, size and shape of the Vtr more than to the exact model of it. So you should select the description that matches more closely the actual Vtr model you have. This will change the position and the extension of the gripper to correctly get and put the cassette. To talk with the Vtr the protocol and the COM port used are the most important information. Protocol supported derives from Sony standards. VP9000 RS232 and UVW-1200 RS232 Sony protocols are very similar but the few differences require two different settings. Most of the professional Vtr, of any types, will be driven using the RS422 Sony protocol instead.

Tip: use consecutive COM ports starting from the COM port of Vtr #1 in order to facilitate maintenance.

The "In use" check box enables or disables the Vtr.

The "Robotics" check box tells to the software if this Vtr must be served by the robotics or if it is for manual use only

The only model of encoder supported is Metus Ingest. Inside Metus configuration encoders are numbered from 1 to 8 and you have to select which encoder is associated to this vtr.

Tip: associate Vtr #1 to Encoder #1 and so on in order to facilitate maintenance.

Communication with the encoders happens via the file system (if necessary using appropriately mapped network drives). There are two paths to be specified. The first path points to the folder containing the configuration files (.ini files) of EncVtr.exe. Communication with Metus encoder happens modifying and reading this .ini files. The app must have read and write privileges on this folder. The second path points to the folder containing the recorder video files. The app must have read and write privileges on this folder.

The "Use RF" check box enables checking RF from the Vtr. If there is no hardware to detect the RF this check box must be left unchecked.

The "Use CTL" check box enables checking the presence of CTL or TC from the cassette in the Vtr. The "Rewind" check box instruct the Vtr to rewind the cassette before recording it. If left unchecked recording starts from the current point in the cassette.

The "Vtr db" button opens a windows where are shown and modifiable several information concerning the Vtr. A serial number identifies the vtr while counter of the lifetime hours is maintained and updated together with the number of cassettes and the number of get/put errors from the robotics. Counters may be cleared or written to a specified value.

Vtr database

You may assign an univoque alphanumeric serial number to each vtr so that several informations are stored and automatically maintained. Number of cassettes and hours are stored in two counters, total and partial. Every fixed period (500 hours as default) of the partial counter a warning is issued so that people can maintain and clean the vtr. The warning is cleared clearing the partial counter of the vtr. Also the number of get/put error generated by the robotics on that vtr are stored and are useful to focus on a particular vtr that is generating errors more than the average. All the data are stored in a .ini file that may be easily copied from one PC to another if necessary.

10.54	1 - Umatic 4U - c:\Dc\¥T	RDATABASE.INI	- D ×
N. c	ass. (partial)	N. cass. (total)	N. get/put errors
Vtr H	hours (partial) 605:09:46 C	Vtr life hours (total) 688:11:24	C * indelt * indelt * indelt * indelt * indelt * indelt * indelt * indelt * indelt * indelt
	Descri	iption and notes	Mnt every hours
VTR	UMATIC		500 -
	Serial number of this V	/tr	Vtr database
1497	3	14973	•
			1

DcServer

DcServer application

UDCSERVER () - ENL UN - LLEAN UN - MI - REV: 1.22-U9U32U22	
Actions	
PAL/DV20 - DcClient ()/1.22-09032022 - DcServer ()/1.22-09032022 - DcSetup ()/1.22-25022022 - EncVt	r/1.00-09032021
amma DB: used - DSN: SammaCustomerDSN - DB: SammaCustomer - Server: 192.168.1.119:5433 -	Uid: postgres - Identified by: TAPEID
ROADCART-T3 - ena - COM17: open/conn	
obot used by Vir/Cleaner #: n.c.	
iobot error code: NO EKKOK - Kobot usable	
1.0001 starus grupper A/D (Ena, Dis): Ena/Ena Iohot cassatta in grupper A/B (Vas, No)): No/No	
abot operativity - LOAD OPE pending: No / MOTORS OFF: No / LOAD REO: No	
obot last movement time: 0/5	
/C Rev: 5.00 dated 20.01.202 - G/C Rev: 5.01 dated 31.10.2020	
obotics S/N: 25 - Cassettes by gripper A/B: 5084/4952	
arcode: fna - full length barcode: fna	
/tr #1 ena - COM10: open/not conn - Free 7065 - Encoder #1	
Cmd: NONE - Status: IDLE - VTR NOT USABLE	
D Tape: 000198-000300 - Profile: 0	
osition: J06 - Library type: Umatic 1x12 - Vtr type: Umatic 4U	
ind tolder/free space: v:\uni_encvir / 394 - Video tolder/free space: w:\uni / 7065 meadarl : Ene conn - Encodan beart beat: 44634.618691	
orce encoding: No - Iznore cleaned: No - Do rewind: Yes	
ecording duration: 00:00:00 - Display: Off - Grow err: 0	
NZErr: NO ERROR	
Current tape CTL: 00:00:00 - No CTL: 0 - Max no CTL: 10	
KF: Notpresent - No KF: U - Max no KF: 10 Cleanan and diman 0 - Cleanan man and diman 20	
Cleaner chiu ilmer: 0 - Cleaner max chiu ilmer: 50 Robot cmd timer: 0 - Robot max cmd timer: 60	
Robot timeout timer: 0 - Robot max timeout timer: 10	
Serial number: 14973 - Number of get/put errors: 2	-14 E1 04 (20)
Total K7: 45 - Partial K7: 44 - Worked K7: 28	14.51.04 - (55)
Total hours 698:40:16 - Partial hours: 615:38:38 - Mnt: 1000/1038	
Description: VIR UMAIIC	Exit
/tr #2 DIS - COM11: NOT OPEN - Encoder #2	LAN
Cmd: NONE - Status: IDLE - VTR NOT USABLE	
D Tape: 001080-000200 - Profile: 0	1
'osition: J05 - Library type: Umatic 1x12 - Vir type: Umatic 4U 'md falder/frae meser wijni engrin (0. Video falder/frae meser wijEne? (0.	Setup
Incoder2: ENC NOT CONN - Encoder heart beat: 0.000000	
orce encoding: No - Ignore cleaned: No - Do rewind: Yes	Clear ally trybin and appartte
Recording duration: 00:00:00 - Display: Off - Grow err: 0	Clear all VIr, bin and casselle
NZETT: NO ERROR	data
Current tape CIL: 00:00:00 - No CIL: 0 - Max no CIL: 10 RF: Natamagnit - Na RF: 0 - Max na RF: 10	
Cleaner cmd timer: 0 - Cleaner max cmd timer: 30	Home robot
Robot cmd timer: 0 - Robot max cmd timer: 60	
Robot timeout timer: 0 - Robot max timeout timer: 10	
Serial number: 15152 - Number of get/put errors: 1	Unlock rear door
Total K7: 20 - Partial K7: 20 - Worked K7: 2 Total hours 200:12:34 - Partial hours: 37:23:42 - Mart: 500/1038	
Description: VTR UMATIC	
-	Shutdown the Metus encoder PC
lean #3 DIS - COM12: NOT OPEN	
md: NONE - Status: IDLE - CLEAN NOT USABLE	
orition and library type: MANUAL MODE - Cleaner type: TCMatic.B	Destart all COM waits and ward
orce cleaning: No	Hestari all COM ports and read
leaning duration: 00:00:00 - Display: Off	uala irom PyC
Max tension: 0 - Max current: 0 - num. Shots: 0 - Max num. Shots: 0	
NZERT: NO EKKOK - Tissue INT: 000 - Tissue EXT: 000 Cleaner status: IDLE - NZERT: NO ERPOR	ColDate:
Reel: - Comm: - K7: 0	C: \DC\dc.ini
Current tape position: 00:00:00 - Approximate tape length: 00:00:00	****
Vtr cmd timer: 0 - Vtr max cmd timer: 30	
NPass 0 - NumPass: 0 - RobManPasses: 2/1	* * *
Serial number: 14346 - Number of get/put errors: 0	\star 🗧 📩 📩 cosnuzioni elemoniche a.r.l.
101a1 K7: 1 - Farfial K7: 1 - WORKEG K7: 0 Tatal haves 104:73:17 - David haves: 104:73:17 - Mat. 0/1039	자 규 문 and Ingest - Broadcast applications -

This is the engine that executes both the ingest and cleaning tasks. Vtr, robotics and encoders are

directly and exclusively connected to this application that is responsible of all the operations. DcClient application just send packets of ingest or cleaning commands, one for each cassette, to DcServer that queue them and execute as soon as the required resources are available. DcServer has a simple GUI where are shown all the current available informations about the connected devices. Except that for special test purposes normally it is not necessary to use the few buttons available.



Exit button is the only way to close the application. If any tasks are under execution a warning appears giving the possibility to brutally close the tasks or wait for their completion. The preferred way to operate is anyway to wait or interrupt the tasks from DcClient and shutdown the server from DcClient.

Setup button access the DcSetup application as it is possible to obtain from DcClient application too.

Home robot button executes and Index of the robotics as soon as the robotics is not used by other tasks. The Index is queued and executed as soon as possible. The same may be obtained from DcClient application too.

Lock (Unlock) button may be used to lock and unlock the rear door overriding the normal management of this door that is closed for the operator safety.

Shutdown the Metus encoder PC button closes the encoder application and shuts down the PC that is running Metus (Note: it may also be the current PC!). Obviously this command is not intended to be used except that for test purposes. The same may be obtained from DcClient application too.

Restart all COM ports and read data from R/C is used to test connection or to restore connection with robotics and Vtr.

Used during an ingest or cleaning task may generate some errors so it should be used only if strictly necessary and as a last chance just before deciding to restart the PC.

Double clicking on the blue .ini file name it is possible to open the configuration file and inspect it. This operation is for test purposes only and should not be used normally.

Note: the DcServer application minimizes itself after about five minutes to leave free the screen.

DcClient

DcClient application



DcClient is the user graphic interface used to send packets of commands to DcServer. Each packet contains all the information necessary to encode (or clean) a cassette: format, position in the library, encoder to be used. Once a packet of information is sent to DcServer, the packet is processed and the operation is completed even if DcClient is closed.

The DcClient software tries to use all the available encoders. When all the encoders are busy, the software waits for an encoder to free up before sending the next packet. As soon as an encoder is available a cassette is taken and inserted, if the format matches, in the Vtr connected to that encoder. The cassette is played and recorded from the beginning (if the rewind flag is checked) or from the current position (if the rewind flag is unchecked) up to the end of tape. If the CTL flag is checked, CTL presence is monitored and the recording is stopped after a certain time that the CTL is absent. If the RF flag is checked and the appropriate RF detecting hardware is present and working, RF presence is monitored too and the recording is stopped after a certain time that the RF is absent. On some Vtr, to get the RF from video heads may be necessary an hardware modification. The RF detector must generate a TTL level signal according to RF presence YES=1 or NO=0. Recording is stopped also if for any reasons the Vtr is not in PLAY state. As soon as the recording is stopped the cassette is ejected, taken from the Vtr and put back in the library. Rewind, CTL and RF flags can be changed using the Setup application. The rewind flag may be changed from DcClient application too.

How to associate a profile to an ID tape



Each MetusIngest encoder may contain several profiles numbered from 1 on. DcApp allows using up to 8 profiles using the same exact numbering used by MetusIngest. The number 0 (or any other out of range number) is used to use all the available profiles at the same time recording multiple files. If the file is missing or empty a 0 is always assumed and all the available profiles are used at the same time.

The association between the ID tape and the profile number is contained in a .INI file that may be open and edited using the shown item of the "Actions" menu indicated in the picture on the left. You just have to add a line containing the association in the form 000123=1 meaning that the cassette whose ID tape is "000123" will be recorded using the "Profile 1" named profile of the encoder that will be assigned

to that cassette. Standing that it is not possible to decide which encoder will record a cassette it is up to the operator to configure all the encoders in the same way, using the same profiles and in the same order. Below is an example of the content of the file.

```
[IdTapeList]
;Tape id=Profile number (1 to 8)
001076-0
001169-2
000047-1
109755-2
000168-1
000021-1
000169-0
000022-1
000314-2
003167-1
```

EncVtr

Installing EncVtr

Operations on the PC that contains the Metus software

The PC should run a 64 bit version of Windows 10 Professional. A 16:9 video monitor and a 1900 by 1200 pixels resolution are recommended. It is normally the same PC where is running the Metus software.

System C: drive

On the C: drive create a "cmd" folder and share it in the network with full R/W rights. Inside the "cmd" folder create a "ini_encvtr" and a "log_encvtr" folders. Look at the picture below:



Video D: (or other letter) drive

On the D: (or other letter) drive create a "mediaoutput" folder and share it in the network with full R/W rights. Inside the "mediaoutput" folder create eight folders, one for each encoders, named "Enc1", "Enc2", and so on up to "Enc8". Look at the picture below:



Metus software

Inside the Metus software setup eight encoders with the default name "Encoder 1", "Encoder 2" and so on up to "Encoder 8". Each encoder must put the video files in the "D:\mediaoutput\EncX" folder with "X" replaced with the appropriate number (from 1 to 8). The folder must already exist. Be sure that Telnet remotage is enabled with the default port "32106" correctly assigned. Save changes and exit the Metus software.

EncVtr.exe software

Install the package named "Encoder" using the Setup.exe executable and accepting all the defaults. This software runs freely and without dongle and is used as an uniform interface between DigiCart and Metus software. In the Start menu you will find a new EncVtr folder. I suggest to create a shortcut on the desktop to easily run the EncVtr.exe application.

Run the "EncVtr.exe" application for a while (few seconds) and then quit it using the "Exit" button. Open the "C:\cmd\ini_encvtr\encvtrconfig.ini" file and double check (only in "[Encoder1]" section because all the other sections will inherit "[Encoder1]" values) that "encoderpath" points to the correct path and name of the Metus application .exe executable. Also double check the Telnet port (port 32106) and the Telnet ip (local host ip 127.0.0.1 is normally the best choice). If you made any modifications, save them and exit. Look at the picture below:

📗 encytrconfig.ini - Blocco note					
File Modifica Formato Visualizza	?				
<pre>[Encoder1] encoderpath=C:\Program iptelnet=127.0.0.1 porttelnet=32106 encodername=Encoder 1 filename=VTR1-000021 [Encoder2] encodername=Encoder 2 filename=VTR2-000022 [Encoder3] encodername=Encoder 3 filename=VTR3-000023 [Encoder4] encodername=Encoder 4 filename=VTR4-000035 [Encoder5] encodername=Encoder 5 filename=VTR5-000036 [Encoder6] encodername=Encoder 6 filename=VTR6-000036 [Encoder7] encodername=Encoder 7 filename=VTR7-000033 [Encoder8] encodername=Encoder 8 filename=VTR8-000034 [Genera1] Left=3090 Top=1395</pre>	Files\Metus	Technology∖Metus	INGEST	5.5\Metus	Ingest.exe

Now run again the EncVtr.exe application. After about 30" it will automatically try to run the Metus application and after about other 30" the application minimizes itself in the taskbar. If this happens



just right click the icon in the taskbar and visualize it again (or double click on the icon). Of course, if you run the Metus application before running EncVtr, it is ok the same. The desktop would appear something like this:

Setup a filename in the textbox and click on the "Set Filename" button. Then click on the "Start Rec" button to start recording. Click on the "Stop Rec" button to stop recording. Try this on all the encoders to check the connection with the Metus software. Status info should change accordingly.

ENEVTR (8) · Actions Encoder1	- Rev: 1.00-0	7062019 - by Ir	ndelt Srl - (conn	ected)		
VTR1-000021 11:02:08 · (14)		Connected to: 10.0.0.99, port:32106			Config	
SET FILENAME	START REC		127.0.0	.1	: 32106	Status Cmd
Encoder 1:Prepa Status1: (0) Filename1: _ IniRec1: _ EndRec1: _ FileSize1: _ Status2: - (0)	ared		Profile 1: Proxy 2 Record duration File name Encoder Status File Start Time: Overlay	40 25 fps : 00:00:00 : None No overlay		
Filename2: _ IniRec2: _ EndBec2:			Clear Cmd	Abort	Shutdown	Exit

Using the "Start all" and "Stop all" buttons, that are for test only, you may start and stop all the eight encoders. If everything works the EncVtr.exe application setup is completed.

```
; ERROR CODES RETURNED BY THE R/C (READABLE USING THE GET ERR CODE COMMAND).
; ERR CODE = 0 oK (no error).
; ERR CODE = 1
                       stepper motors (grippers and X/Y axis) timeout.
  ERRCODE = 2
                        gripper A: IN/OUT movement timeout.
; ERR CODE = 3
                        gripper B: IN/OUT movement timeout.
                        gripper A: tape is present after a 'put tape' operation.
; ERR CODE = 4
                        gripper B: tape is present after a 'put tape' operation.
; ERR CODE = 5
                       gripper A: tape is not present after a 'get tape' operation: the bar-code is readable.
gripper B: tape is not present after a 'get tape' operation: the bar-code is readable.
; ERR CODE = 6
 ; ERR CODE = 7
 ; ERR_CODE = 8
                        gripper A: OPEN/CLOSE movement timeout.
; ERR CODE = 9
                        gripper B: OPEN/CLOSE movement timeout.
; ERR_CODE = 10 command temporarely unsupported (ie: during a LOAD_OPE).
; ERR_CODE = 11 a non existent position has been addressed (ie: Z54).
; ERR_CODE = 12 'tray out'error.
; ERR_CODE = 13 'tape out'error.
; ERR_CODE = 14 not issued: ex 'Vtr door opened'error.
; ERR_CODE = 15 'motor fault' due to a power-supply failure.
; ERR_CODE = 16 timeout due to a 'speed reduced to zero' error (ie: front door open).
                       Vtr not in configuration (ie: TIPOVTR NULLA).
; ERR CODE = 17
; ERR CODE = 18 library block not in configuration (ie: TIPOLIB NULLA).
; ERR_CODE = 19 timeout during the rotation of the grippers.
; ERR_CODE = 20 gripper not existent (meaningfull only after a gripper test on B).
; ERR_CODE = 22 gripper A: tape is not present after a 'get tape' operation: the bar-code is not readable.
; ERR_CODE = 23 gripper B: tape is not present after a 'get tape' operation: the bar-code is not readable.
; ERR_CODE = 50 no connection with the gripper controller.
; ERR_CODE = 51 no connection with the loader led/fc controller (not used).
; ERR CODE = 52 Timeout gripper A.
; ERR CODE = 53 Timeout INDEX gripper A.
; ERR CODE = 54 Timeout gripper B.
; ERR CODE = 55 Timeout INDEX gripper B.
; ERR_CODE = 56 Timeout INDEX axis Z (HOR.).
; ERR CODE = 57 Timeout axis Z (HOR.).
; ERR_CODE = 60 X calibration aborted (meaningfull only after a SETPOS or CALIB command).
; ERR_CODE = 61 Y calibration aborted (meaningfull only after a SETPOS or CALIB command).
```