MANUAL DE CONFIGURACIÓN DEL CPR (ComPortRedirector)

Versión	Fecha	Versión Software
2.0	Abril 2015	4.3.0.3.

CPR CONFIGURATION MANUAL (ComPortRedirector)

Version	Date	Software Version
2.0	April 2015	4.3.0.3.

MANUELLE DE CONFIGURATION DU CPR (ComPortRedirector)

Version	Date	Version Logiciel
2.0	Avril 2015	4.3.0.3.





MANUAL DE CONFIGURACIÓN DEL CPR (ComPortRedirector)

1 Instalación

1.1 Requisitos previos a la instalación

El ordenador donde se vaya a instalar esta aplicación ha de cumplir con los siguientes requisitos:

- Ordenador compatible Pentium o superior.
- Sistemas Operativos compatibles:

x86 (32 bit): Windows XP, 2003 Server, Vista, 7 y 2008 Server. x64 (64bit): Windows Vista, 7 y 2008 Server.

- Microsoft.NET Framework v4.0 o superior.
- 30 MB disponibles en el disco duro.

1.2 CONFIGURACIÓN del puerto COM virtual (CPR).

Siga los siguientes pasos para crear y configurar el puerto COM virtual:

 Descomprima y ejecute el archivo de instalación CPR manager, que se encuentra en el CD suministrado o descárguelo del área de descargas de la web de PROMAX:

www.promax.es

2. Conecte la cabecera **DTTV** y el PC a una red LAN (Ethernet).

IMPORTANTE:El PC y la cabecera DTTV deben tener direcciones IP del mismo
rango y máscara de subred. Modifique los parámetros IP de la
cabecera DTTV o del PC si es necesario (si se cambia la IP de la
cabecera, no olvide guardar, apagar y reiniciar la cabecera para
que el cambio sea efectivo).Tenga en cuenta que si la conexión se realiza mediante conexión
directa del PC a la cabecera DTTV, el cable Ethernet utilizado
debe ser cruzado ("cross-over").Se puede verificar la conexión haciendo un ping desde el PC a la
dirección IP de la cabecera DTTV.



 Una vez realizada la conexión física, ejecute el software CPR Manager. Se encuentra en el menú Inicio> Lantronix> CPR> CPR Manager. Se muestra en la siguiente figura:

CPR Manager 4.3.0.3															 6
Ne ConPort Device Tools	110														
AMPanove 1 Int	high Pleasest	For Devices Collude													
n Ports	ride 🥥	Con Port Lit General Tests													
s dy account of S Cat 1 W S Cat		Com Put Vices I Sourcestelle Vices I Sourcestelle	P 445	es 10° Por	Con State	Rational	State	2012	Brun	Sviftec	NoOs	GwT0	10/lec	Kgdde	
eta List. 7 Addess # Ports	t TCP Part P	tuduat	10	Hw/Addess	Network Int	oface	Device Name	,	ut Nane		114				idapor.

Figura 1.-

4. Haga clic en el botón virtual. Aparece la siguiente ventana:

Com Ports						
Com1	Com21	Com41	Com61	Com81	Com101	Com121
Com2	Com22	Com42	Com62	Com82	Com102	Com122
Com3	Com23	Com43	Com63	Com83	Com103	Com123
Com4	Com24	Com44	Com64	Com84	Com104	Com124
Com5	Com25	Com45	Com65	Com85	Com105	Com125
Cam6	Com26	Com46	Com66	Com86	Com106	Com126
Com7	Com27	Com47	Com67	Com87	Com107	Com127
Com8	Com28	Com48	Com68	Com88	Com108	Com128
Com9	Com29	Com49	Com69	Com89	Com109	Com129
Com10	Com30	Com50	Com70	Com90	Com110	Com130
Com11	Com31	Com51	Com71	Com91	Com111	Com131
Com12	Com32	Com52	Com72	Com92	Com112	Com132
Com13	Com33	Com53	Com73	Com93	Com113	Com133
Com14	Com34	Com54	Com74	Com94	Com114	Com134
Com15	Com35	Com55	Com75	Com95	Com115	Com135
Com16	Com36	Com56	Com76	Com96	Com116	Com136
Com17	Com37	Com57	Com77	Com97	Com117	Com137
Com18	Com38	Com58	Com78	Com98	Com118	Com138
Com19	Com39	Com59	Com79	Com99	Com119	Com139
Com20	Com40	Com60	Com80	Com100	Com120	Com140
<		.11				>
OK			heak (Panaa)		255 (*)	
UN	Cance		neux (Hange)		E.00 (2)	
Select Al	I Select N	one Un	check (Range)	1 🗢 k	256 🐟	
				the second secon		

Figura 2.-



 Compruebe en la lista el primer puerto COM que esté libre (por ejemplo, COM8) y luego haga clic en OK para confirmar y volver a la ventana principal:



Figura 3.-

6. En la ventana principal, el nuevo puerto COM (por ejemplo, COM8) aparece ahora en la lista de puertos disponibles:

Cum Purts	Hide 🖨	Com Port List	
🖃 📫 All Com Ports (8)	i	Com Port	
🖻 🛱 Cum 1 - 10		: 🏷 Com I	(Inaccessible)
- 阿 Com 1 (Inaccessible)		🗌 👘 🗑 Cum 3	(Inaccessible)
🔯 Cum 3 (Inaccessible)		- 🤯 Com 4	(Inaccessible)
V Com 4 (Inaccessible)		🗕 👘 Com 5	(Inaccessible)
Cum 5 (Inaccessible)		🗌 🤯 Com 6	(Inaccessible)
Uom 6 [Inaccessible]		- 🏷 Com 8	(New)
Com 9 (Inconscible)		🏹 Com 9	[Inaccessible]
Com 10 (Inaccessible)		🗌 🖳 🤯 Com 11	D (Inaccessible)



 Seleccione con el ratón el puerto nuevo que se acaba de crear (por ejemplo, COM8) en la lista de la izquierda. En el panel derecho se muestran los parámetros de configuración siguientes:

S CPR Manager 4.3.0.3					E 6 🛛
Pile ComPort Device Toxis Help	ana ana				
SAMEmore Save Estatesh	Search For Devices 😅 E-chube	1			1
Cam Ports H	de 🤪 Setings				
Concerning the set of the se	Stindow's Port Name Window's Port Name Window's Device Na		Con Datus Doced		
	Baller Wite: 11 Server Recorder No Net Ocen	ne ang checked for better velle performance (I	Convertien Tennud Recorvert B B Recorvert	t secondu) connect Land (0 = toesoe)	1
	Cantern Monder	Marriel (put chine) after discover	et a TOPPur	Add To Fermal	
	TCP Keephine	(100000 : Faeplace Time (m	ec) [1000] Kangdiline between [meet]		
	AFC 2217 D1 Teaffort 3 4 5 6 7 8		WAINING II the fast is on the other at trend, then UKP parts 2011, 4202 a able to the forward, exclusion by Ty able to the forward exclusion by Ty Am, use have device arrows name or an ethod in the last device the the Audit II hard between the last the Audit II hard between the an international and can be exceeded at an exclusion of the Audit Audit II hard last able and can be exceeded at an Audit and the last and the set	where of a source on a so- and 42020 areas more that the more a structurement of the and an UEE and ALEEL. It sources may approximate the bindware the next . These, the source areas and the source areas and the sour	
Device List					Critere D
P Addeus B Ports TCP	ter Posket	ID HW Address	Network Interface Device Name	Put Name	



Detecte la cabecera Digital To TV. Para ello, haga clic en el botón a o seleccione el menú Device > Search. En la parte inferior de la ventana se muestra una lista de todos los sistemas detectados (en este ejemplo, un solo sistema):

Device List								Collapse
IP Address	# Ports TCP Port	Product	ID	HW Address	Network Interface	Device Name	Port Name	
10.0.1.93 (1)	10001	XPort-03	X5	00:20:4A:AD:3F:06	PROMAX			



 Por favor, haga doble clic en la IP correspondiente a la cabecera DTTV que desea controlar (si hay varias). El programa asigna automáticamente la dirección IP del sistema al puerto COM seleccionado (es decir, COM8):

Window's Port Name: Window's Device Name: Window's Service Name:		Com Status: Error Network Status: Disconnected				
Reset to Detaults Buffer Writes (Keep che Server Reconnect No Net Close	Cancel Edits cked for better write performance)	7 Image: Connection Timeout (in acconds) Image: Timeout Reconnect 1 0 Image: Connect 1 0				
Listen Mode	Normal - port closed after disconnect	TCP Port Add To Firewall				
TCP KeepAlive	7200000 CKeepAlive Time (msec)	1000 🔅 KeepAlive Interval (msec)				
RFC 2217 DTR (In): (TruPort) Tx Empty:	Tie DTR to DCD, DSR always active CPR Transmit Buffer Empty					
Service Host	TCP For WARNING! If th then UDP ports 3 firewall's exclusion these UDP ports	e Host is on the other side of a router or a remote firewall, 90/18, 43282 and 43283 may need to be added to the on list. You may experience trouble opening this com port if are not excluded.				
3	Nso, some legac	y device servers respond on UDP port 43283. If you are				

Figura 7.-

10. Haga clic en el botón para guardar la configuración. Si trabaja con Windows XP o superior, es posible que aparezcan ventanas de confirmación adicionales. En todos los casos pulse sobre "Continuar":



Figura 8.-



11. A partir de este momento, se ha asignado un puerto COM virtual del PC a la cabecera DTTV. Se puede probar la conexión seleccionando el puerto COM correspondiente (por ejemplo, COM8) y haciendo clic en la pestaña Test COM (por ejemplo, Test COM8). Haga clic en "OPEN" para probar la apertura del puerto.

pen/Close]				
Help		Oper	1	Com Status: Network Status	Closed : Disconnected
RS232					
	<	IN		-> <0	JT>
High (0)	OCD	O	OSR	RTS	O
Low (1)	0	0	0	0	0
Rx Data	0			RTSHi	DTR Hi
				PTSIA	DTRIA



Settings Co Open/Close	vm 8 Tes	ta				
Help		Clos	е	Com Status: Network Statu	Open is: Connecte	d to 10.0.1.93:10001
-RS232-						
	<	IN		-> <0	UT>	
High (0)	OCD	©	OSR	RTS	OTR ③	
Low (1)	۲	0	۲	0	0	
Rx Data	3			RTS Hi	DTR Hi	
Rx EOF	0			RTS Lo	DTR Lo	
· · · · · · · · · · · · · · · · · · ·						

Figura 10.-

IMPORTANTE: Tome nota del número de puerto COM utilizado. Será necesario para llevar a cabo la actualización del firmware de un módulo DT-xxx.



CPR CONFIGURATION MANUAL (ComPortRedirector)

1 Installation

1.1 Prerequisites for installation

The computer where you plan to install this application must meet the following requirements:

- Pentium compatible PC or higher.
- Supported Operating Systems:

x86 (32 bit): Windows XP, 2003 Server, Vista, 7 and 2008 Server. x64 (64bit): Windows Vista, 7 and 2008 Server.

- Microsoft.NET Framework v4.0 or higher.
- 30 MB available hard disk space.

1.2 CONFIGURING the virtual COM port (CPR).

Follow these steps to create and configure the virtual COM port which is:

 Unzip and run the installation file CPR Manager, which is in the CD supplied, or download from the download area at the PROMAX webpage:

www.promaxelectronics.com

2. Connect the headend DTTV and the PC to a LAN network (Ethernet).

IMPORTANT:	The PC and the DTTV headend must have IP addresses in the same range and subnet mask. Modify the IP parameters of the DTTV headend or the PC if necessary (if you change the IP of the headend, do not forget to save, turn off and restart the headend to make the change effective).
	Note that if the connection is made by directly connecting the PC to the DTTV headend, the Ethernet cable used must be crossed ("cross-over").
	You can check the connection by pinging from the PC to the IP address of the DTTV headend.



 Once the physical connection is done, run the CPR Manager software. It is located in the Start menu> Lantronix> CPR> CPR Manager. It is shown at the figure below:

ORManager 4.3	0.3																		. 6
Ne ConPut De	iter Toda	reb.	ene monta																1.250
Addance 1	Z Jafr	sh Diseast	For Devices Callude	_		_		_		_		_	_	_	_	_	_	_	
n hot y Can Point (y Can 1 - 16 y Can 1	21 Inserver de Ascorre de Ascorre de Ascorre de Ascorre de Ascorre de Descorre de	Rdm @	Can Hat U General Yean Can Fac U Can Fac U Can Face Can Face Can Face Can Face Can Face Can Face Can Face Can Face Can Face Can Face Can Face Can Face Can Face Can Face Can F	Pas	teon 7	Of Post	ConStatue	Ratwood 1	ldes	2217	Bwn	Svflec	NoCh	Cw10	1DNec	Epth			
rvice List	# Posts	TOPPort P	whet		Hal Address		Natural Int	atera	Danies Name		tot Kana	_	-		-	_	_		Coligon
	-	_		-		-	-	_		-	_	_	-	-	-	_	_	-	

Figure 1.-

4. Click the button wor go to ComPort> Add and Remove to create a new virtual COM port. It appears the following window:

n21 Com4 n22 Com4 n23 Com4 n24 Com4 n25 Com4 n26 Com4 n27 Com4 n28 Com4 n29 Com4 n20 Com4 n21 Com4 n22 Com4 n23 Com4 n20 Com4 n21 Com4 n22 Com4 n30 Com5 n31 Com5	1 Com61 2 Com62 3 Com63 4 Com64 5 Com66 6 Com66 6 Com66 7 Com67 8 Com68 9 Com68 0 Com68 1 Com70 1 Com7	Com81 Com82 Com83 Com84 Com84 Com85 Com86 Com86 Com86 Com88 Com88 Com89 Com89 Com89 Com89	Com101 Com102 Com102 Com103 Com104 Com105 Com105 Com105 Com106 Com107 Com108 Com108 Com108 Com109 Com110	Com121 Com122 Com123 Com124 Com125 Com125 Com126 Com127 Com128 Com129 Com129
n22 Com4 n23 Com4 n24 Com4 n25 Com4 n26 Com4 n27 Com4 n28 Com4 n29 Com4 n30 Com5 n31 Com5	2 Com62 3 Com63 4 Com64 5 Com65 6 Com66 7 Com67 8 Com68 9 Com68 9 Com68 9 Com68	Com82 Com83 Com84 Com85 Com85 Com86 Com87 Com88 Com89 Com90	Com102 Com103 Com104 Com105 Com106 Com106 Com107 Com108 Com109 Com109 Com109	Com122 Com123 Com124 Com125 Com125 Com126 Com127 Com127 Com128 Com129
n23 Com4 n24 Com4 n25 Com4 n26 Com4 n27 Com4 n28 Com4 n29 Com4 n30 Com5 n31 Com5	3 Com63 4 Com64 5 Com65 6 Com66 7 Com67 8 Com68 9 Com60 0 Com70	Com83 Com84 Com85 Com85 Com86 Com87 Com88 Com88	Com103 Com104 Com105 Com106 Com106 Com107 Com108 Com108 Com109 Com109	Com123 Com124 Com125 Com126 Com126 Com127 Com128 Com128
n24 Com4 n25 Com4 n26 Com4 n27 Com4 n28 Com4 n29 Com4 n30 Com5 n31 Com5	4 Com64 5 Com65 6 Com66 7 Com67 8 Com68 9 Com68 9 Com69 0 Com70 1 Com70	Com84 Com85 Com86 Com87 Com88 Com88 Com89	Com104 Com105 Com106 Com106 Com107 Com108 Com108 Com109 Com109	Com124 Com125 Com125 Com126 Com127 Com128 Com128 Com129
n25 Com4 n26 Com4 n27 Com4 n28 Com4 n29 Com4 n30 Com5 n31 Com5	5 Com65 6 Com66 7 Com67 8 Com68 9 Com68 9 Com69 0 Com70	Com85 Com86 Com87 Com88 Com88 Com89	Com105 Com106 Com107 Com108 Com109	Com125 Com126 Com127 Com127 Com128 Com129
n26 Com4 n27 Com4 n28 Com4 n29 Com4 n30 Com5 n31 Com5	6 Com66 7 Com67 8 Com68 9 Com68 9 Com69 0 Com70	Com86	Com106	Com126 Com127 Com128 Com128
n27 Com4 n28 Com4 n29 Com4 n30 Com5 n31 Com5	7 Com67 8 Com68 9 Com68 9 Com69 0 Com70 1 Com70	Com87 Com88 Com89 Com89	Com107 Com108 Com109	Com127 Com128 Com129
n28 Com4 n29 Com4 n30 Com5 n31 Com5	8 Com68 9 Com69 0 Com69	Com88	Com108	Com128
n29 Com4 n30 Com5 n31 Com5	9 Com69 0 Com70	Com89	Com109	Com129
n30 🗌 Com5 n31 🔲 Com5	0 Com70	Com90	Com110	
n31 🗌 Com5	1 Com71		Commo	Com130
		Com91	Com111	Com131
n32 🗌 Com5	2 🗌 Com72	Com92	Com112	Com132
n33 🗌 Com5	3 🗌 Com73	Com93	Com113	Com133
n34 🗌 Com5	4 Com74	Com94	Com114	Com134
n35 🗌 Com5	5 🗌 Com75	Com95	Com115	Com135
n36 🗌 Com5	6 🗌 Com76	Com96	Com116	Com136
n37 🔲 Com5	7 Com77	Com97	Com117	Com137
n38 🗌 Com5	8 🗌 Com78	Com98	Com118	Com138
n39 🔲 Com5	9 🗌 Com79	Com99	Com119	Com139
m40 🗌 Com6	0 🗌 Com80	Com100	Com120	Com140
.12				
	m33 Com5 m34 Com5 m35 Com5 m36 Com5 m36 Com5 m37 Com5 m38 Com5 m39 Com5 m40 Com6	33 Com53 Com73 34 Com54 Com75 35 Com55 Com75 m36 Com55 Com77 m37 Com54 Com77 m38 Com55 Com77 m38 Com54 Com78 m39 Com59 Com79 m40 Com50 Com80	max Com/3 Com/4 Com/4 max Com/54 Com/4 Com/4 max Com/55 Com/74 Com/6 max Com/55 Com/75 Com/6 max Com/57 Com/76 Com/6 max Com/57 Com/77 Com/6 max Com/57 Com/76 Com/98 max Com/58 Com/78 Com/99 max Com/59 Com/90 Com/99 m40 Com/60 Com/100 Com/100	ns3 Com/3 Com/3 Com/3 Com/3 M2 Com/64 Com/74 Com/95 Com/95 m35 Com/54 Com/75 Com/95 Com/14 m35 Com/56 Com/76 Com/95 Com/16 m36 Com/57 Com/96 Com/16 Com/17 Com/96 Com/116 m37 Com/67 Com/77 Com/97 Com/98 Com/18 Com/18 Com/19 Com/19 mon/19 m40 Com/90 Com/90 Com/100 Com/100 <td< td=""></td<>

Figure 2.-



5. Check the first free COM port (e.g. COM8) from the list and then click OK to confirm and return to the main window:

\checkmark	Com6
\checkmark	Com7
	Com8
	Com9
	Com10



6. In the main window, the new COM port (e.g. COM8) now appears in the list of available ports:



7. Select the new port that has just been created (e.g. COM8) from the list on the left. The right panel displays the following settings:

S CPR Manager	1.3.0.3									C 6 🔀
Ne Con Port	Device Tools	mb.	transfer and the second							
TAMERamove L	Save 2 Jah	nh Pier	nh For Devices 😅 E-chube							
Com Ports		ride 6	Setings							
Construction of the second sec		Casil Revi Video Con Name Video Constanti Sana Video Constanti Sana Video Constanti Sana Video Const International Constanti C	decled (in (in (in))	la joine vela polynamice) el port durar (der 20 vera 100 - 20 fangelien Teer (en 101 - 20 fangelie	Con Index Network Default Con Index Con In	Closed Convention: Teams of the Convention: Teams of the Internet Difference of the spatial memory in the spatial spatial memory in the spatial spatial memory in the spatial spatial memory in the spatial devices a spatial spatial spatial memory in the spatial devices a spatial spatial spatial memory in the spatial memory in the	mental ment (mil) - haven) Add To Famel Add To Famel			
Device List.										Coligon D
IP Addess	EPuts	TCP Part	Product	0	He/Addees	Network Interface	Cavice Name	Par Kan		
									Modified	



8. You should detect the DigitalToTV headend. To do this, click the button

or select the menu **Device > Search**. At the bottom of the window a list displays all systems detected (in this example, one only system):

Device List										
IP Address	# Ports TCP Port Prod.	luct ID	HW Address	Network Interface	Device Name	Port Name				
10.0.1.93 (1)	10001 XPort	103 X5	00:20:4A:AD:3F:06	PROMAX						



 Please, double click on the corresponding DTTV headend you want to control (if there are several). The program automatically assigns the IP address of the system to the selected COM port (e.g. COM8):

Window's Port Name: Window's Device Name: Window's Service Name:		Com Status: Error Network Status: Disconnected
Buffer Writes (Keep cho Server Reconnect No Net Close	Cancel Ldits scked for better write performance)	7
Listen Mode	Normal - port closed after disconnect	TCP Port Add To Firewall
TCP KeepAlive	7200000 🔅 KeepAlive Time (msec)	1000 C KeepAlive Interval (msec)
RFC 2217 DTR (ln):	Tie DTR to DCD, DSR always active	<u>~</u>
(TruPort) Tx Empty:	CPR Transmit Buffer Empty	
SB Host 1 10.0.1.93	TCP row WARNING1 If the then UDP ports 3 firewall's exclusion these UDP ports	ve Host is on the other side of a router or a remote firewall, 30718, 43282 and 43283 may need to be added to the on list. You may expense trouble opening this com port if are not excluded.
3	Also, some legac	y device servers respond on UDP port 43283. If you are

Figure 7.-

10. Click the button it to save your settings. If you work with Windows XP or higher, you may see additional confirmation windows. In all cases, click "Continue":



Figure 8.-



11. From this moment has been assigned a virtual COM port from your PC to the DTTV headend. You can test the connection by selecting the appropriate COM port (e.g. COM8) in the COM Test (e.g. Test COM8) and click on "OPEN" to test the port opening.

Settings Co Open/Close	m 8 Tes]	ts				
Help		Oper	n	Com Status: Network Statu	Closed s: Disconnected	
RS232						
	<	IN		-> < 0 BTC	UT>	
High (0)	0	0	Ő	0	0	
Low (1)	0	0	0	0	0	
Rx Data	0			RTS Hi	DTR Hi	
Rx EOF	0			RTS Lo	DTR Lo	



Settings Co Open/Close	m 8 Tea	ta				
Help		Clos	е	Com Status: Network Status	Open a: Connected	to 10.0.1.93:10001
-RS232-						
	<	IN		> < 01	JT>	
	DCD	CTS	DSR	RTS	DTR	
High (0)	0	۲	0	۲	۲	
Low (1)	۲	0	۲	0	0	
Rx Data	3			RTS Hi	DTR Hi	
Rx EOF	0			RTS Lo	DTR Lo	
·						

Figure 10.-

IMPORTANT: Note the COM port number used. It will be necessary to update the firmware of a DT-xxx module.



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MANUELLE DE CONFIGURATION DU CPR (ComPortRedirector)

1 Installation

1.1 Pré-requis pour l'installation

L'ordinateur sur lequel vous prévoyez d'installer cette application doit répondre aux exigences suivantes:

- PC compatible Pentium ou supérieur.
- Systèmes d'exploitation supportés:

x86 (32 bits): Windows XP, 2003 Server, Vista, 7 et Server 2008. x64 (64 bits): Windows Vista, 7 et Server 2008.

- Microsoft.NET Framework v4.0 ou supérieure.
- 30 MB d'espace de disque disponible.

1.2 CONFIGURATION du port COM virtuel (CPR)

Suivez la procédure suivante pour créer et configurer le port COM virtuel :

 Décompressez et lancez le fichier d'installation du CPR Manager qui est au CD fourni ou téléchargez du secteur de téléchargements du site web de PROMAX:

www.promax.fr

2. Reliez la station DTTV et le PC à un réseau LAN (Ethernet).

IMPORTANT: Le PC et la station DTTV doivent avoir des adresses IP de la même famille et le même « masque de sous-réseau ». Modifiez les paramètres IP de la station DTTV ou du PC si nécessaire (si vous modifiez l'IP de la station, n'oubliez pas de sauvegarder, éteindre et redémarrer la station pour qu'elle devienne effective).
 Notez que si la connexion se fait en branchant directement le PC à la station DTTV, le cordon Ethernet utilisé doit être croisé (« cross-over »).
 Vous pouvez vérifiez la connexion en effectuant depuis le PC un ping à l'adresse IP de la station DTTV.



 Une fois la connexion physique est effectuée, lancez le logiciel CPR Manager. Vous le trouverez dans le menu Démarrer > Lantronix > CPR > CPR Manager. La fenêtre suivante d'affiche :

OR Manager 4.3.0	0.3																		6
Ne Can Part Devi	ter Toolo	mb	and a solitor																
Addance 1	2 Jahr	n Pieri	For Devices 😅 Exclude																
n Ports		Hide 😜	Con Port List General Tests																
	9 nacionalia accimitationalia nacionalia nacionalia nacionalia nacionalia nacionalia nacionalia nacionalia		Con Part Bion I Inscended Dian I Inscended Dian I Inscended Dian 5 Inscended Dian 5 Inscended Dian 5 Inscended Dian 5 Inscended	P 445	les	10P Port	ConStatut	Network 1	lata	2213		Sefec	NeOs	Gitto	TOPiec	Kgalo.			
iter Lint								-		_					-	-	-		Coligon
P Addess	# Ports	TCP Part P	toduct	10	Hw/Address		Network Irm	eface	Device Name		of Nane								
	-			-			-	_			-	-	-	-	-			-	_

Figure 1.-

4. Cliquez sur le bouton voi allez sur **ComPort > Add and Remove** pour créer un nouveau port COM virtuel. La fenêtre suivante s'affiche :

Com Ports						
Com1	Com21	Com41	Com61	Com81	Com101	Com121
Com2	Com22	Com42	Com62	Com82	Com102	Com122
Com3	Com23	Com43	Com63	Com83	Com103	Com123
Com4	Com24	Com44	Com64	Com84	Com104	Com124
Com5	Com25	Com45	Com65	Com85	Com105	Com125
Com6	Com26	Com46	Com66	Com86	Com106	Com126
Com7	Com27	Com47	Com67	Com87	Com107	Com127
Com8	Com28	Com48	Com68	Com88	Com108	Com128
Com9	Com29	Com49	Com69	Com89	Com109	Com129
Com10	Com30	Com50	Com70	Com90	Com110	Com130
Com11	Com31	Com51	Com71	Com91	Com111	Com131
Com12	Com32	Com52	Com72	Com92	Com112	Com132
Com13	Com33	Com53	Com73	Com93	Com113	Com133
Com14	Com34	Com54	Com74	Com94	Com114	Com134
Com15	Com35	Com55	Com75	Com95	Com115	Com135
Com16	Com36	Com56	Com76	Com96	Com116	Com136
Com17	Com37	Com57	Com77	Com97	Com117	Com137
Com18	Com38	Com58	Com78	Com98	Com118	Com138
Com19	Com39	Com59	Com79	Com99	Com119	Com139
Com20	Com40	Com60	Com80	Com100	Com120	Com140
<						>
01			hask (Dasas)		250 (4)	
OK	Cance		neck (Hange)		206 🖾	
Select A	I Select N	one Un	check (Range)	1 🗇 🛛	256 🐟	
-					1000	

Figure 2.-



5. Cochez dans la liste le premier port **COM** qui soit libre (i.e. COM8) puis cliquez sur **OK** pour valider et retourner à la fenêtre principale :





 Dans la fenêtre principale, le nouveau port COM (i.e. COM8) apparaît maintenant dans la liste de ports disponibles :



 Sélectionnez avec la souris le nouveau port qui vient d'être créé (i.e. COM8) dans la liste de gauche. Dans le panneau de droite s'affichent les paramètres de configuration de celui-ci :

SCPR Manager 4.3.0.3					E @ 🛛
Nie ComPart Device Tasis Help					
SANDanove Save Safesh 21	earth For Devices Ct-dude				
Con Forts Hit B Con Forts (R) B Con 1 - 10	Can I Newl				
Com 1 (Inaccorrelde) Com 3 (Inaccorrelde) Com 4 (Inaccorrelde)	Window's Part Name Window's Device Nam Window's Service Nam		Con Statue Deced NativeRt Statue Disconvected		
Con 5 (haccordia) Con 5 (haccordia) Con 5 (haccordia) Con 3 (haccordia) Con 16 (haccordia)	Bahe Wite: Ke Serve Recorded No Net Occe	ep checked to better velle performance (7 Correction Taxand (in Taxand Recorver) 0 0 Reco	secondo) second Link (0 - Namen)	1
	Californ Houde	Name particular discovery	et e TOP Pue	Add To Fermal	
	TOP Keephine	Campion True (m	ec) (1000) () Rangalakes between (more)		
	Info 2207 DEM Service Heat 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 -	Le Treblin toto bili deserve	WARNERS J the Must is on the other at forward, the UKE point 2017 A 2017 A 2018 and the UKE point 2017 A 2017 A 2018 the memory has composed a finance of the memory has composed a finance of the finance of the second and the memory has an even at the finance of the second and the between added and can be memory the and the memory and the memory has an even added and can be memory the answ and finance of the second and the	the of a system on a set of ADCI have meet that the of ADCI have meet that the operation of ADCI have meet that the operation of the operation	
Device List					Colepue 🗋
P Addess # Parls TCP Pa	t Product	ID Her Addess	Notoch Inteface Device Name	Put Nane	





Détectez la station Digital To Tv. Pour cela, cliquez sur le bouton ou sélectionnez le menu Device > Search. Sur la partie inférieure de la fenêtre d'affiche une liste de tous les systèmes détectés (dans l'exemple, un seul système):

Device List								Collapse
IP Address	Ports TCP Port	Product	ID.	HW Address	Network Interface	Device Name	Port Name	
10.0.1.93 (1)	10001	XPort-03	X5	00:20:4A:AD:3F:05	PROMAX			

Figure 6.-

9. Faites double-click sur la ligne correspondant à la station DTTV que vous souhaitez contrôler (s'il y en a plusieurs). Le logiciel assigne automatiquement au port COM sélectionné (i.e. COM8) l'adresse IP du système :

Window's Port Name: Window's Device Name: Window's Service Name:		Com Status: Error Network Status: Disconnected			
Reset to Defaults Buffer Writes (Keep che Server Reconnect No Net Close	Cancel Edits	7 💮 Connection Timeout (in seconds) Timeout Reconnect 0 💿 Reconnect Limit (0 = forever)			
Listen Mode	Normal - port closed after disconnect	CCP Port Add To Firewall			
TCP KeepAlive	7200000 C KeepAlive Time (msec)	1000 (1) KeepAlive Interval (msec)			
RFC 2217 DTR (In):	Tie DTR to DCD. DSR always active				
(TruPort) Tx Empty:	CPR Transmit Buffer Empty				
Euroe Host 1 10.0.1.93	TCP For WARNING1 If th then UDP ports 3 lirewall's exclusion these UDP ports	a Host is on the other side of a router or a remote firewall, 10718, 43282 and 43283 may need to be added to the on list. You may experience trouble opening this com port if are not excluded			
3	Also some legac	v device servers respond on UDP port 43283 If you are			

Figure 7.-

10. Cliquez sur le bouton pour sauvegarder la configuration. Si vous travaillez avec Windows XP ou supérieur, c'est possible que des fenêtres de confirmation supplémentaires apparaissent. Dans tous les cas répondez « Continuer » :



Figure 8.-



11. À partir de ce moment la station DTTV a été assignée à un port COM virtuel de votre PC. Vous pouvez tester la connexion en sélectionnant le port COM correspondant (i.e. COM8) dans la partie de COM Test (i.e. COM8 Test) et cliquez sur « OPEN » pour tester l'ouverture du port.

ttings Co pen/Close	m 8 Tes	ts					
Help		Ope	n	Com Status:	Closed		
RS232				Network Statu	is: Disconnected		
	<>			-> <0 DTC	< OUT>		
High (0)	0	0	O	0	0		
Low (1)	0	0	0	0	0		
Rx Data	0			RTS Hi	DTR Hi		
D. 505	0			RTSLo	DTR Lo		



Settings Co Open/Close	om 8 Tei	ta				
Help		Clos	e	Com Status: Network Statu	Open s: Connected	to 10.0.1.93:10001
-RS232-						
	<	IN		-> < 0	UT>	
	DCD	CTS	DSR	RTS	DTR	
High (0)	0	۲	0	۲	۲	
Low (1)	۲	0	۲	0	0	
Rx Data	3			RTS Hi	DTR Hi	
Rx EOF	0			RTS Lo	DTR Lo	

Figure 10.-

IMPORTANT : Prenez note du numéro de port COM utilisé, il vous le faudra pour effectuer la mise à jour du firmware des modules DT-xxx.



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