



TV DISTRIBUTION PROCESSING HEADENDS

Ref.	Description	
T.0X SERIES		
TRANSMODULATORS: SATELLITE INPUT (SMATV)		
IP output		
565801	T.0X Streamer DVBS/S2-IP CI (Multicast/Unicast, SPTS) Multiplexer: 3 Transponders(2Sat) or 3 Transponders(1Sat+LoopThru) : 32 IP Streams	1
565840	T.0X Streamer DVBS/S2-IP CI (Multicast/Unicast, SPTS) Multiplexer: 3 Transponders(2Sat) or 3 Transponders(1Sat+LoopThru) : 32 IP Streams Pro:Idiom re-encryption for DRM solution	1
Digital Terrestrial Output		
563101	T.0X Transmodulator DVBS/S2-COFDM CI (47...862MHz)	1
563301	T.0X Transmodulator DVBS/S2-COFDM CI (47...862MHz)	1
564201	T.0X Transmodulator DVBS/S2-COFDM CI (47...862MHz) Multiplexer: 3 Transponders(2Sat) :1Ch or 3 Transponders(1Sat+LoopThru) :1Ch	1
★ 564203	T.0X Transmodulator DVBS/S2-COFDM CI (47...862MHz) Multiplexer: 3 Transponders(2Sat): 1 Ch or 3 Transponders(1Sat+LoopThru): 1 Ch VSecure re-encryption	1
564260	T.0X Transmodulator DVBS/S2-ISDBTb CI (47...862MHz) Multiplexer: 3 Transponders(2Sat) :1Ch or 3 Transponders(1Sat+LoopThru) :1Ch	1
564301	T.0X Twin Transmodulator DVBS/S2-COFDM CI (47...862MHz) Multiplexer: 3 Transponders(2Sat) :2Ch or 3 Transponders(1Sat+LoopThru) :2Ch	1
Digital Cable Output		
563001	T.0X Twin Transmodulator DVBS/S2-QAM (47...862MHz)	1
564101	T.0X Transmodulator DVBS/S2-QAM CI (47...862MHz) Multiplexer: 3 Transponders(2Sat) :1Ch or 3 Transponders(1Sat+LoopThru) :1Ch	1
564401	T.0X Twin Transmodulator DVBS/S2-QAM CI (47...862MHz) Multiplexer: 3 Transponders(2Sat) :2Ch or 3 Transponders(1Sat+LoopThru) :2Ch	1
564501	T.0X Hexa Transmodulator DVBS/S2-QAM (47...862MHz)	1
TRANSMODULATORS: DIGITAL TERRESTRIAL INPUT (MATV)		
IP output		
565701	T.0X Streamer DVB-T/T2-IP CI (Multicast/Unicast, SPTS) Multiplexer: 4 Channels (DVB-T/T2) : 32 IP Streams	1
565740	T.0X Streamer DVB-T/T2-IP CI (Multicast/Unicast, SPTS) Multiplexer: 4 Channels (DVB-T/T2) : 32 IP Streams Pro:Idiom re-encryption for DRM solution	1
ENCODERS: AUDIO/VIDEO INPUT		
Digital Terrestrial Output		
563833	T.0X Encoder/Modulator Twin, 2i: HDMI / Component (YPbPr) - 1Mux: ISDB-Tb/DVB-T (MPEG2/4)	1
Digital Cable Output		
563802	T.0X Encoder/Modulator Quad, 4i A/V: CVBS - 1Mux: QAM (MPEG2/4)	1
563803	T.0X Encoder/Modulator Twin, 2i: HDMI / Component(YPbPr) - 1Mux: QAM (MPEG2/4)	1
Digital Terrestrial or Cable Output		
563822	T.0X Encoder/Modulator Quad, 4i A/V: CVBS - 1Mux: COFDM/QAM (MPEG2/4)	1
563832	T.0X Encoder/Modulator Twin, 2i: HDMI / Component (YPbPr) - 1Mux: COFDM/QAM (MPEG2/4)	1
566001	T.0X Encoder/Modulator Single 1i: HDMI / Component(YPbPr) / CVBS - 1Mux: COFDM/QAM (MPEG2/4) (Standalone support + PSU 18V included)	1
Digital Terrestrial or Cable Output and IP		
563805	T.0X Encoder/Modulator IP Twin (MPEG2/4), 2 Modes: 2i: HDMI / Component(YPbPr) - 1Mux: IP/QAM (Annex B) 2i: HDMI / Component(YPbPr) / IP - 1Mux: QAM (Annex B)	1
563852	T.0X Encoder/Modulator IP Twin (MPEG2/4), 2 Modes: 2i: HDMI / Component(YPbPr) / CVBS - 1Mux: IP/COFDM/QAM 2i: HDMI / Component(YPbPr) / CVBS / IP - 1Mux: COFDM/QAM	1
ENCODERS: AUDIO/VIDEO INPUT AND IP		
Digital Terrestrial or Cable Output		
563805	T.0X Encoder/Modulator IP Twin (MPEG2/4), 2 Modes: 2i: HDMI / Component(YPbPr) - 1Mux: IP/QAM (Annex B) 2i: HDMI / Component(YPbPr) / IP - 1Mux: QAM (Annex B)	1
563852	T.0X Encoder/Modulator IP Twin (MPEG2/4), 2 Modes: 2i: HDMI / Component(YPbPr) / CVBS - 1Mux: IP/COFDM/QAM 2i: HDMI / Component(YPbPr) / CVBS / IP - 1Mux: COFDM/QAM	1
ENCODERS: IP INPUT		
Digital Cable Output		
563201	T.0X Encoder/Modulator IP, 1i: 12 IP Streams (HLS) - 1 Mux: QAM (Annex B)	1

Televes

STREAMERS T.0X IP



▲ 565801 ▲ 565701

Streamers generating an IP encapsulated output from the multiplexing of the services available in:

- Up to 3 different TV SAT transponders: Ref. 5658xx.
- 4 different DVB-T or DVB-T2 muxes: Ref. 5657xx.

In addition, modules 565840/565740 has the option to re-encrypt the IP services decrypted by the CAM with a DRM Pro: Idiom solution (Digital Rights Management), for secure delivery of contents.



▲ T.0X Encoders

Generate your own DTT content in High Definition.



▲ 563201

IP streams with HLS protocol, widely used in media players, web browsers and streaming media servers

TV DISTRIBUTION PROCESSING HEADENDS

Ref.	Description	
T.0X SERIES		
MODULATORS: AUDIO/VIDEO INPUT		
Analogue Output		
5806	T.0X Twin Modulator Analogue A/V-PAL Stereo (VSB 47...862MHz)	1
★ 580602	T.0X Twin Modulator Analogue A/V-NTSC Stereo (VSB 47...862MHz)	1
580612	T.0X Twin Modulator Analogue A/V-NTSC Mono (VSB 47...862MHz)	1
A/D CHANNEL PROCESSORS		
564901	T.0X Twin Processor Analogue/Digital Channel (47...862MHz)	1
HEADEND CONTROL		
CDC Modules		
5559	T.0X Headend Management Unit CDC IP	1
555911	T.0X Headend Management Control CDC IP/3G	1
AUXILIARY EQUIPMENT		
Amplifier		
5575	T.0X Amplifier Push-Pull 47...862MHz G 44dB Vo 120dBμV	1
Power Supply Units		
562802	Power Supply Unit 38.4W 24V-1.6A (T.0X standalone mounting)	1
5629	T.0X Switch-mode Power Supply Unit 120W 24V-5A	1
562910	T.0X Switch-mode Power Supply Unit 60W 24V-2.5A	1
563901	T.0X Switch-mode Power Supply Unit 120W 24V-5An(110Vac & UL Listed)	1
Combiner		
565002	Combiner 7i/1o: 5...1002MHz, 19" Rack Mount, 1RU	2
★ 565090	Filter / Combiner 8i/1o: 54...862MHz, 19" Rack Mount, 1RU	5
Supports and enclosures		
5071	Wall Mount 498mm (1 PSU + 7 T.0X Modules or 10 T12/T05 Modules)	1
507203	Lockable Cabinet with Forced Ventilation 448mm (1 PSU + 7 T.0X Modules)	1
507204	Lockable Cabinet with Forced Ventilation 327mm (1 PSU + 4 T.0X Modules)	1
5239	Wall Mount 560mm (1 PSU + 8 T.0X Modules or 12 T12/T05 Modules)	1
5301	19" Rack Frame 484mm 5RU (1 PSU + 7 T.0X Modules or 10 T12/T05 Modules)	1
567201	Wall Mount 275mm 5RU, Depth: 260mm (1 PSU + 4 T.0X Modules)	1
567202	Wall Mount 275mm 5RU, Depth: 170mm (1 PSU + 4 T.0X Modules)	1
567401	Standalone Support (1 T.0X Module)	10
Programmer		
7234	Universal Programmer T.0X/T05/AVANT	1
Accessories		
216801	Kit: PC-Module Cable & USB-Serial Adapter. Utilities: TSuite (T.0X, T05)	1
216802	Kit: OTG USB - microUSB B Cable & WiFi Adapter.nUtilities: Streamers T.0X WiFi Control	1
3829	Terminal Load "F" 750hm with DC Blocked, Plastic Box	50/500
4061	Terminal Load "F" 750hm with DC Blocked	10/200
4071	DC Blocker "F"	10
422601	Patch Cable for Powering T.0X from T05 0.4m	1/5
★ 494702	Coaxial Atmospheric Surge Arrestor 90V 0...3GHz	1
5673	T.0X Blank Plate 50mm - 5RU	1

Ref.	Description	
K20 COMPACT HEADEND		
SATELLITE INPUT (SMATV)		
Cable Digital Output		
570101	K20 Compact Headend DVBS2-QAM (47...862MHz) 8 Transponders	1
570102	K20 Compact Headend DVBS2-QAM (47...862MHz) 12 Transponders	1
570103	K20 Compact Headend DVBS2-QAM (47...862MHz) 16 Transponders	1
570104	K20 Compact Headend DVBS2-QAM (47...862MHz) 20 Transponders (Ref.570101 + Ref.570102)	1
570105	K20 Compact Headend DVBS2-QAM (47...862MHz) 24 Transponders (Ref.570101 + Ref.570103)	1

Ref.	Description	
OTHER		
MODULATORS: AUDIO/VIDEO INPUT		
Analogue Output		
★ 585915	Analogue Modulator Octo PAL B/G (VHF/UHF) Wall mount (USB-microUSB OTG cable included)	1
★ 585981	Analogue Modulator Octo NTSC M-N (CATV) Wall mount (USB-microUSB OTG cable included)	1



▲ 5559



▲ 507204



▲ 507203
(T.0X units not included)



▲ 5239



▲ 5301



▲ 567201