

CONTROL MODULE (HUB)

FLOW-HUB

APPLICATION

The FLOW HUB is the central connecting element of the FLOW headend, with a dual routing and control function. It routes the ethernet traffic in the headend, both internally between modules, and between the modules and the outside world. It also performs centralized management and configuration of the entire FLOW headend and exposes the web interface for configuration and control through dedicated Wi-Fi and wired ethernet connections.

It is also able to detect existing RF channels in a network to avoid using them in the headend out.



MODEL			FLOW-HUB	
Reference			4314	
WI-FI INTERFACE				
Interface type			Wireless LAN	
Standard			Wi-Fi	
Radio band	GHz		2,4	
Reception/Transmission mode			SISO	
TX power		dBm	-18	
RX power		dBm	-96	
Connection			SDIO controller	
Layer 3 addresses assignment			SoftAP / DHCP	
Security			WPA 2.0	
EXTERNAL ETHERNET INTERFACE (CONTROL)				
Number of interfaces			1	
Interface type			Gigabit Ethernet	
Standard			1000BASE-T	
VLAN support			IEEE VLAN	
EXTERNAL ETHERNET OUTPUT (TV)				
Number of interfaces			2	
Interface type			Gigabit Ethernet	
Standard			1000BASE-T	
VLAN support			IEEE VLAN	
BACKPANEL ETHERNET INTERFACE				
Number of interfaces			10	
Interface type			Gigabit Ethernet	
Standard			1000BASE-T	
VLAN support			IEEE VLAN	

CONTROL MODULE (HUB)

FLOW-HUB

MODEL

FLOW-HUB

Reference		4321
RF CHANNELS DETECTION		
Terrestrial input		
Supported standards		DVB-T/T2
Frequency band	MHz	47 - 862
Input level in BASE	dBμV	> 45
Cable input		
Supported standards		DVB-C
Frequency band	MHz	47 - 862
Input level in BASE	dBμV	> 50
GENERAL		
Power supply voltage	Vdc	24
Power consumption	W	11
Remote mode		IP (Wi-Fi o BASE-T)
Operating temperature	°C	0 ... +45
RF input connectors (backpanel)		F (x1)
External ethernet frontal connector (control)		RJ-45 simple
External ethernet frontal connector (TV)		RJ-45 doble
USB frontal connector (control)		Type-A socket
Weight	g	454
Dimensions (Height x Width x Depth)	mm	125 x 27 x 210