

intelix
DESIGN WITH INTELLIGENCE



INTELIX DigiCat SERIES SOLUTIONS

Professional-grade performance at an affordable price.



Professional-grade performance at an affordable price.

DigiCat Series HDMI EXTENDERS & MATRICES

DVI, VGA & USB EXTENDERS DigiCat Series



DIGI-HD-8X8
8x8 HDMI and twisted pair matrix

eight HDMI inputs
eight HDMI outputs & eight twisted pair outputs
HDMI 1.3b & HDCP compliant
front panel, Ethernet, RS232, & IR control
front panel touchscreen

Compatible Twisted Pair Receivers:
DIGI-HD-UHR2-R 1080p over (1) UTP
DIGI-HD-IR2-R 1080p & IR over (2) UTP

*HDMI & UTP outputs live simultaneously
*includes rack ears & wireless remote



DIGI-HDMI-4X4
4x4 HDMI and twisted pair matrix

four HDMI inputs
four HDMI outputs & four twisted pair outputs
HDMI 1.3b & HDCP compliant
front panel, Ethernet, RS232, & IR control
built-in IR switching

Compatible Twisted Pair Receivers:
DIGI-HD-UHR2-R 1080p over (1) UTP
DIGI-HD-IR2-R 1080p & IR over (2) UTP

*HDMI & UTP outputs live simultaneously
*includes rack ears & wireless remote



DIGI-HDMI-4X2
4x2 HDMI and twisted pair matrix

four HDMI inputs
two HDMI outputs & two twisted pair outputs
HDMI 1.3b & HDCP compliant
front panel, Ethernet, RS232, & IR control
built-in IR switching

Compatible Twisted Pair Receivers:
DIGI-HD-UHR2-R 1080p over (1) UTP
DIGI-HD-IR2-R 1080p & IR over (2) UTP

*HDMI & UTP outputs live simultaneously
*includes rack ears & wireless remote



DIGI-DVI-F
DVI over twisted pair

150' max distance
MAC compatible
power on either the send or receive end
built-in ESD surge protection
requires two twisted pair cables

Supported Signals:
DVI DVI-D



DIGI-DVIT2R-F
1x2 DVI over twisted pair system

220' max distance
supports resolutions up to 1920x1080
(1) 1x2 distribution amplifier & (1) receiver
automatic EDID learning to ensure sync
local monitor output

Compatible Twisted Pair Receivers:
DIGI-DVI-R-F DVI-D over (1) UTP



DIGI-DVIT4R-F
1x4 DVI over twisted pair system

220' max distance
supports resolutions up to 1920x1080
(1) 1x4 distribution amplifier & (1) receiver
automatic EDID learning to ensure sync
local monitor output

Compatible Twisted Pair Receivers:
DIGI-DVI-R-F DVI-D over (1) UTP



DIGI-HD-UHR2
1080p HDMI over twisted pair

HDMI over a single twisted pair cable
1080p up to 150' via Cat 6 (100' Cat 5e)
720p/1080i up to 300' via Cat 6 (200' Cat 5e)
built-in ESD surge protection
linkable for extended distances

Supported Signals:
HDMI 1.3 HDMI
HDCP



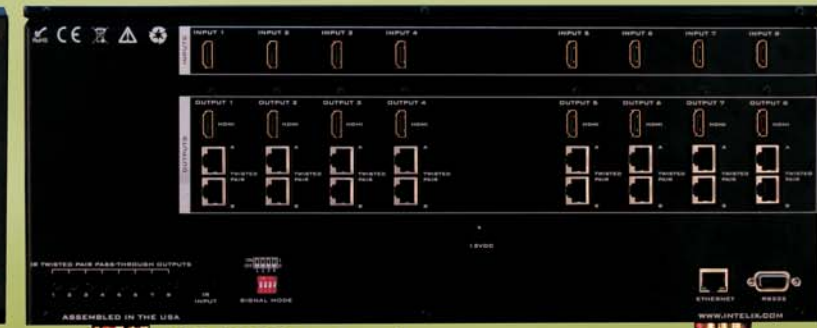
DIGI-HD-IR2
1080p HDMI & IR over twisted pair

1080p up to 150' via Cat 6 (100' Cat 5e)
720p/1080i up to 300' via Cat 6 (200' Cat 5e)
diagnostic power and status LEDs
built-in ESD surge protection
requires two twisted pair cables

Supported Signals:
HDMI 1.3 HDMI
IR 1/8" mini (3.5 mm)
HDCP



DIGI-HD-8X8 front panel



DIGI-HD-8X8 rear panel



DIGI-HDMI-4X4 front panel



DIGI-HDMI-4X4 rear panel



DIGI-VGA-F
VGA & stereo audio over stereo audio

850' max distance
dual amplified VGA & stereo audio outputs
USB or DC power
built-in skew compensation
supports resolutions up to 1920x1200

Supported Signals:
VGA HD15
Stereo Audio 1/8" mini (3.5 mm)



DIGI-HDMI-HR
1080i HDMI over twisted pair

480i, 480p, 720p & 1080i up to 150'
power on either the send or receive end
diagnostic power and status LEDs
built-in ESD surge protection
requires two twisted pair cables

Supported Signals:
HDMI 1.3 HDMI
HDCP



DIGI-HDMI-UHR
1080p HDMI over twisted pair

480i, 480p, 720p & 1080i up to 150'
1080p up to 100'
diagnostic power and status LEDs
built-in ESD surge protection
requires two twisted pair cables

Supported Signals:
HDMI 1.3 HDMI
HDCP



DIGI-SCAL-11X2
11x2 switcher/scaler/format converter

switch between 11 different AV inputs
(2) HDMI, (1) stereo audio & (1) optical output
scale sources up to 720p or 1080p
convert all sources to HDMI
RS232 & front panel control

AV Inputs
(4) HDMI (1) S-Video
(2) composite video (1) DVI-I
(2) YPbPr (5) stereo audio
(1) VGA (1) optical digital audio

*includes rack ears & wireless remote



DIGI-HDMI-4X2 front panel



DIGI-HDMI-4X2 rear panel



DIGI-SCAL-11X2 front panel



DIGI-SCAL-11X2 rear panel



DIGI-USB-F
USB over twisted pair

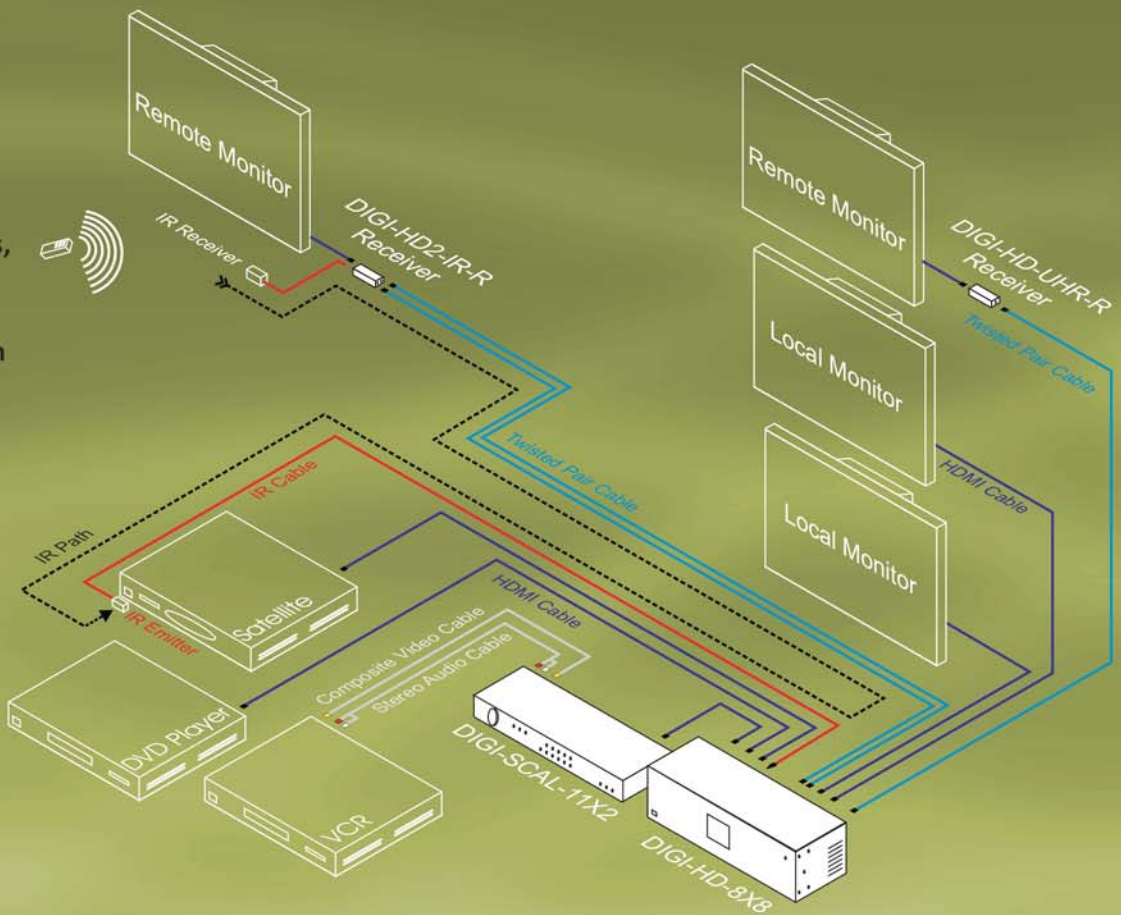
12 Mbps (full speed) up to 100'
1.5 Mbps (standard speed) up to 330'
no power supply required
USB type A (send) and USB type B (receive)
durable metal housing

Supported Signals:
USB type A (send) & type B (receive)

Why settle for mediocrity?

The Intelix DIGI-HD-8X8 combines a professional-grade HDMI matrix with Intelix's industry-leading extenders. Each system provides eight HDMI inputs, eight HDMI outputs, and eight twisted pair outputs. Plus, a built-in touch screen delivers front panel source selection and matrix routing with ease. Third-party control systems integrate seamlessly via RS232, Ethernet or IR.

In addition, the DIGI-HD-8X8 features eight pass-through IR channels which distribute remote IR commands from in-room controllers, through compatible Intelix twisted pair extenders, up to 300 feet over twisted pair cable, and out of the matrix, allowing complete control of remote sources from the destination. The Intelix DIGI-HD-8X8 is the ultimate solution for whole house, hospitality, worship, and corporate audio/video distribution.



The Intelix DIGI-HD-8X8 features a 3.75" touch screen on the front panel which is ideal for system setup and control.

Other Great Twisted Pair Solutions from Intelix

Part Number	Description	Connectors	Max Distance
AVO-A2-F	Stereo audio	RCA	2,500 feet
AVO-V3AD-F	YPbPr and digital audio	RCA	500 feet
DIGI-VGASD	VGA video, stereo audio, IR and RS232	HD15, RCA, 1/8", DB9	350 feet
DIGI-V3SD	YPbPr video, stereo audio, IR and RS232	RCA, 1/8", DB9	1,000 feet
DIGI-VGASD-16X16	16x16 VGA, YPbPr, stereo audio, IR and RS232 twisted pair matrix	HD15, 1/8", DB9	1,000 feet
VGA-UHR-F	VGA	HD15	550 feet
S-V1CP	Composite video, power, and control	BNC, DIN	1,850 feet

Intelix offers the broadest line of audio/video over twisted pair extenders in the professional AV marketplace, including more than 60 different solutions for audio, video, VGA, DVI, HDMI, and USB.